

Steven L. Beshear

ENVIRONMENTAL AND PUBLIC PROTECTION CABINET

Robert D. Vance Secretary

Governor

DEPARTMENT FOR ENVIRONMENTAL PROTECTION

DIVISION OF WATER
14 REILLY ROAD
FRANKFORT, KENTUCKY 40601
PHONE (502) 564 – 3410
FAX (502) 564 – 5105
www.kentucky.gov

March 14, 2008

Mr. Wilson Manalapan Mining Co Inc - Alva Prep Plant P.O. Box 311 Brookside, KY 40801

Re: KPDES Application Complete

KPDES No.: KY0024252

Manalapan Mining Co Inc - Alva Prep Plant

AI ID: 14758

Activity ID: APE20080001 Harlan County, Kentucky

Dear Mr. Wilson

Your revised Kentucky Pollutant Discharge Elimination System (KPDES) permit application for the above-referenced facility was received by the Division of Water on January 31, 2008. A completeness review of your permit application has been conducted. Please be aware that you may be asked to provide additional information to clarify, modify, or supplement your application material. In accordance with 401 KAR 5:075, Section 1(7) you are being provided written notification that your application has been deemed complete as of the date of this letter.

If you have any questions concerning this matter, please call me at (502) 564-8158, extension 652.

Sincerely,

Allen Ingram II

Environmental Engineer Assistant I

KPDES Branch

Division of Water

ALI

Enclosures

c: London Regional Office

Division of Water Files





MANALAPAN MINING COMPANY, INC.

PO BOX 311, BROOKSIDE, KY 40801

Phone (606) 573-1211

Fax (606) 837-3773

January 28, 2008

Ms. Vickie L. Prather, Acting Supervisor Inventory and Data Management Section KPDES Branch Division of Water 14 Reilly Road Frankfort, Kentucky 40601

RE: KPDES Permit

No.: KY0024252

Dear Ms. Prather:

Enclosed is a "Renewal" for the above referenced KPDES permit(With Fee). This is a renewal only and no changes are proposed from the original permit.

Please contact me at (606) 573-1211 ext. 29 if you have any questions concerning this renewal.

Respectfully,

Dennis Wilson

Manalapan Mining Company, Inc.



STEVEN L. BESHEAR GOVERNOR

ENVIRONMENTAL AND PUBLIC PROTECTION CABINET

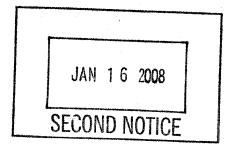
DEPARTMENT FOR ENVIRONMENTAL PROTECTION
DIVISION OF WATER
14 REILLY ROAD
FRANKFORT, KENTUCKY 40601

ROBERT D. VANCE SECRETARY

December 27, 2007

www.kentucky.gov

Mr. Duane H. Bennett Manalapan Mining Company, Incorporated P.O. Box 311 Brookside, Kentucky 40801



RE: KPDES No. KY0024252
Manalapan Mining Company, Incorporated
Harlan County, Kentucky

Dear Mr. Bennett:

Our records indicate that your Kentucky Pollutant Discharge Elimination System (KPDES) permit is due to expire on July 31, 2008. According to the KPDES Regulation 401 KAR 5:060, "any person with a currently effective permit shall submit a new application at least 180 days before the expiration of the existing permit..." The due date for your permit renewal application is January 31, 2008.

Please complete the enclosed application forms and return to the KPDES Branch, Division of Water, at the above address by the indicated due date. Applications received after the due date are in violation of 401 KAR 5:060, Section 1, which could result in enforcement action being taken.

If you have any questions regarding the completion of these forms, please contact me at (502) 564-8158, extension 470, or Ann Workman at extension 528.

Sincerely,

Vickie L. Prather, Acting Supervisor Inventory and Data Management Section

KPDES Branch Division of Water

VLP:ASW:asw

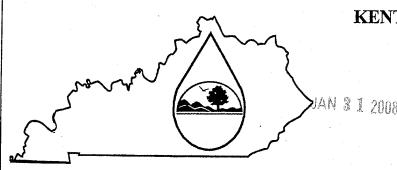
Enclosures

C: London Regional Office Division of Water Files



j.

AI: 14758



KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM

PERMIT APPLICATION

- L										
This is an application to: (check										
Apply for a new permit.	one)	A complete application consists of this form and one of the following:								
Apply for reissuance of exp	niring nermit	Form A, Form B, Form C, Form F, or Short Form C								
Apply for a construction po		31								
Modify an existing permit.		For additional information contact:								
Give reason for modificati		KPDES Branch (502) 564-3410								
I. FACILITY LOCATION AN	D CONTACT INFORMATION	AGENCY 0024252								
A. Name of business, municipality, comp Manalapan Mining	oany, etc. requesting permit Company, Inc.									
B. Facility Name and Location		C. Facility Owner/Mailing Address								
Facility Location Name:		Owner Name:								
Manalapan Mining C	ompany, Inc.	Manalapan Mining Company, Inc.								
Facility Location Address (i.e. street, road	d, etc.):	Mailing Street:								
HC 61 (Kentucky HW	Y 72 at Pathfork)	P.O. Box 311								
Facility Location City, State, Zip Code:	2.0	Mailing City, State, Zip Code:								
Pathfork, KY 408	o 3 	Brookside, KY 40801								
		Telephone Number:								
II. FACILITY DESCRIPTION										
A. Provide a brief description o	f activities, products, etc:									
This facilit Such as Refu	ty is a coal prepara Use areas and unit t	tion plant and associated facilities. rain loadout.								
B. Standard Industrial Classificat	ion (SIC) Code and Description									
Principal SIC Code &	as:									
Description:	1211 Coal	Preparation Plant								
Other SIC Codes:	·									
III. FACILITY LOCATION										
	vey 7 ½ minute quadrangle map for	the site. (See instructions)								
B. County where facility is located Harlan		City where facility is located (if applicable): N / A								
C. Body of water receiving disch Puckett Creek of the	arge: Pathfork of the Cumber:									
D. Facility Site Latitude (degrees 36-44-13		Facility Site Longitude (degrees, minutes, seconds): 83-25-54								
E. Method used to obtain latitude	e & longitude (see instructions):	Topo Map								
F. Facility Dun and Bradstreet N	umber (DUNS #) (if applicable):	N/A								

IV. OWNER/OPERATOR INFORMA	ΓΙΟΝ						
A. Type of Ownership:		_					
Publicly Owned Privately Ow		Both Public and Pr	ivate Owned Federally owned				
B. Operator Contact Information (See ins	tructions)	TTII NII					
Name of Treatment Plant Operator: Earl Goins		Telephone Number: 606-664-3861					
Operator Mailing Address (Street):		000 001 3001					
HC 61 KY HWY 72 at Pathforl							
Operator Mailing Address (City, State, Zip Code):							
Pathfork, Kentucky 40863							
Is the operator also the owner?			? If yes, list certification class and number below.				
Yes No Certification Class:		Yes No Certification Number:	<u> </u>				
N/A Prep. Plant Only		Certification Number:					
1771 Tep. I fant Omy							
V. EXISTING ENVIRONMENTAL PE	DMITC						
Current NPDES Number:	Issue Date of Current Per	mit:	Expiration Date of Current Permit:				
Current NI DES Number.	issue Date of Current Ferr		Expiration Date of Current Fermit.				
KY0024252	12/01/04		7/31/08				
Number of Times Permit Reissued:	Date of Original Permit Is	ssuance:	Sludge Disposal Permit Number:				
1	10/24/84		N/A				
Kentucky DOW Operational Permit #:	Kentucky DSMRE Permi	t Number(s):	IVA				
N/A	848-8045						
C. Which of the following additional envir		ation categories will a					
CATEGORY	The second secon	RMIT WITH NO.	PERMIT NEEDED WITH PLANNED APPLICATION DATE				
Air Emission Source	S-01-007						
Solid or Special Waste	N/A						
Hazardous Waste - Registration or Permit	n/A						
VI. DISCHARGE MONITORING REI KPDES permit holders are required to s permit). The information in this section se for submitting DMR forms to the Division	ubmit DMRs to the Div rves to specifically ident	vision of Water on a ify the department, of	regular schedule (as defined by the KPDES ffice or individual you designate as responsible				
A. Name of department, office or official s	ubmitting DMRs:	MANALAPAN MI	NING COMPANY, INC.				
B. Address where DMR forms are to be se	nt. (Complete only if add	lress is different from	mailing address in Section I.)				
DMR Mailing Name:	MANALAPAN MININ	NG COMPANY, INC					
DMR Mailing Street:	PO BOX 311						
DMR Mailing City, State, Zip Code:	BROOKSIDE, KENTU	JCKY 40801					
DMR Official Telephone Number:	606-573-1211						

VII. APPLICATION FILING FEE

KPDES regulations require that a permit applicant pay an application filing fee equal to twenty percent of the permit base fee. Please examine the base and filing fees listed below and in the Form 1 instructions and enclose a check payable to "Kentucky State Treasurer" for the appropriate amount. Descriptions of the base fee amounts are given in the "General Instructions."

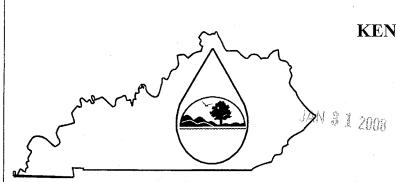
Facility Fee Category:	Filing Fee Enclosed:
Surface Mining Operation	240.00

VIII. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME AND OFFICIAL TITLE (type or print):	TELEPHONE NUMBER (area code and number):
Benjamin R. Bennett, President	606-573-1211
SIGNATURE	DATE:
Bejon C.Bet	1-29-08

KPDES FORM C



KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM

PERMIT APPLICATION

A complete application consists of this form and Form 1. For additional information, contact KPDES Branch, (502) 564-3410.

Name of Facility: Manalapan Mining Company, Inc	County: Harlan	
	AGENCY	
I. OUTFALL LOCATION	USE	

For each outfall list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

Outfall No.		LATITUDE			LONGITUDI		
(list)	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	RECEIVING WATER (name)
. 1	36	43	48	83	25	12	Puckett Croek
7 -	36	44	28	83	25	20	Puckett Creek
242	36	43	39	83	24	59	Puckett Creek
242	36	43	39	83	24	59	Puckett Creek

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

- A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfall. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.
- B. For each outfall, provide a description of: (1) all operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) the average flow contributed by each operation; and (3) the treatment received by the wastewater. Continue on additional sheets if necessary.

OUTFALL NO.	OPERATION(S) CONTRI	BUTING FLOW	TREATM	ENT
(list)	Operation (list)	Avg/Design Flow (include units)	Description	List Codes from Table C-1
1	Preparation Plant	100	Sedimentation Pond	1-U
7	Unit Train Loadout	20	Sedimentation Pond	1-U
242	Slurry Impoundment	300	Sedimentation Pond	1-U

	, SOURCES OF POL	LUTION, A	ND TREA	ATMENT TEC	HNOLOGIES	(Continued)	·	
C. Except for	storm water runoff, le	aks, or spills,	are any of	the discharges	described in Ite	ems II-A or B int	ermittent or se	asonal?
	Yes (Complete the	following ta	ble.)		No (Go	to Section III.)		
OUTFALL	OPERATIONS	FREQU	ENCY			FLOW		
NUMBER	CONTRIBUTING FLOW	Days Per Week	Months Per	1	Rate ngd)		Total volume D ecify with units)	
(list)	(list)	(specify average)	Year (specify average)	Long-Term Average	Maximum Daily	Long-Term Average	Maximum Daily	
			8 /					
				-				
III. MAXIN	IUM PRODUCTION							
							-	
A. Does an e	effluent guideline limit	ation promul	gated by E	PA under Secti	on 304 of the C	lean Water Act a	ipply to your to	icility?
	Yes (Complete Ite	em III-B) List	effluent g	uideline catego	rv:			
	7 05 (Comp. 100 100			S				
	No (Go to Section	ı IV)						
B. Are the li	imitations in the applic	able effluent	guideline e	expressed in ter	ms of production	on (or other meas	ures of operati	on)?
D. Me the h	minutions in the applie	acore erraem					,	•
	Yes (Complete Ite	em III-C)	\boxtimes	No (Go to S	Section IV)			
C If you a	nswered "Yes" to Ite	m III_R liet	the quant	ity which renr	esents the actu	al measurement	of your maxi	mum level of
C. If you as	on, expressed in the ter	ms and units	used in the	e applicable eff	luent guideline,	and indicate the	affected outfal	ls.
1								
		MAXIMUN	A OUANT				1 00 1 1 0	V (C. 17
O 414 D	D. Iluito of				dust Material	Fto	Affected C	
Quantity Pe	r Day Units of	Measure		peration, Pro	duct, Material, pecify)	Etc.	Affected C (list outfall r	
Quantity Pe	r Day Units of			peration, Pro		Etc.		
Quantity Pe	r Day Units of			peration, Pro		Etc.		
Quantity Pe	r Day Units of			peration, Pro		Etc.		
				peration, Pro		Etc.		
IV. IMPRO	OVEMENTS	Measure	0	peration, Proc (sp	pecify)		(list outfall r	numbers)
IV. IMPRO	OVEMENTS now required by an	Measure y federal, si	ate or loc	peration, Proc (sp	o meet any im	plementation scl	(list outfall r	construction,
IV. IMPRO A. Are you upgradin discharge	OVEMENTS now required by an g, or operation of west described in this approximately a	Measure y federal, st astewater eq oplication? T	ate or locuipment of	eal authority to r practices or es, but is not l	o meet any im any other envimited to, perm	plementation sclironmental prog	(list outfall redule for the rams which naministrative o	construction, nay affect the
IV. IMPRO A. Are you upgradin discharge	OVEMENTS now required by an	Measure y federal, st astewater eq oplication? T	ate or locuipment of	eal authority to r practices or es, but is not l	o meet any im any other envimited to, perm	plementation sclironmental prog	(list outfall redule for the rams which naministrative o	construction, nay affect the
IV. IMPRO A. Are you upgradin discharge	OVEMENTS now required by an g, or operation of west described in this appropriate the compliance of t	y federal, st astewater eq oplication? Te e schedule le	ate or loc uipment o his include	al authority to r practices or es, but is not l ations, court or	o meet any imany other environment do, permoders and grant of	plementation sci ironmental prog it conditions, ac or loan condition	(list outfall remains which in a liministrative o	construction, nay affect the
IV. IMPRO A. Are you upgradin discharge	OVEMENTS now required by an g, or operation of west described in this approximately a	y federal, st astewater eq oplication? Te e schedule le	ate or loc uipment o his include	al authority to r practices or es, but is not l ations, court or	o meet any im any other envimited to, perm	plementation sci ironmental prog it conditions, ac or loan condition	(list outfall remains which in a liministrative o	construction, nay affect the
IV. IMPRO A. Are you upgradin discharge orders, e	DVEMENTS now required by an g, or operation of wes described in this appropriate the result of the complete the result of the condition of th	y federal, st astewater eq oplication? T e schedule let e following to	ate or loc uipment o his include tters, stipul	al authority to r practices or es, but is not l ations, court or	o meet any im any other envimited to, permeders and grant of the control of the c	plementation sclironmental prog nit conditions, ac or loan condition	nedule for the rams which naministrative os.	construction, nay affect the r enforcement
IV. IMPRO A. Are you upgradin discharge orders, e	DVEMENTS now required by an g, or operation of wes described in this appropriate the second of the	y federal, st astewater eq oplication? T e schedule let e following to	ate or loc uipment of his include tters, stipul	al authority to r practices or es, but is not lations, court or	o meet any im any other envimited to, permeders and grant of the control of the c	plementation sci ironmental prog it conditions, ac or loan condition	nedule for the rams which naministrative os.	construction, nay affect the
IV. IMPRO A. Are you upgradin discharge orders, e	DVEMENTS now required by an g, or operation of wes described in this appropriate the result of the complete the result of the condition of th	y federal, st astewater eq oplication? T e schedule let e following to	ate or loc uipment o his include tters, stipul	al authority to r practices or es, but is not lations, court or	o meet any im any other envimited to, permeders and grant of the control of the c	plementation sclironmental prog nit conditions, ac or loan condition	nedule for the rams which n dministrative os.	construction, nay affect the renforcement
IV. IMPRO A. Are you upgradin discharge orders, e	DVEMENTS now required by an g, or operation of wes described in this appropriate the result of the complete the result of the condition of th	y federal, st astewater eq oplication? T e schedule let e following to	ate or loc uipment of his include tters, stipul	al authority to r practices or es, but is not lations, court or	o meet any im any other envimited to, permeders and grant of the control of the c	plementation sclironmental prog nit conditions, ac or loan condition	nedule for the rams which n dministrative os.	construction, nay affect the renforcement
IV. IMPRO A. Are you upgradin discharge orders, e	DVEMENTS now required by an g, or operation of wes described in this appropriate the result of the complete the result of the condition of th	y federal, st astewater eq oplication? T e schedule let e following to	ate or loc uipment of his include tters, stipul	al authority to r practices or es, but is not lations, court or	o meet any im any other envimited to, permeders and grant of the control of the c	plementation sclironmental prog nit conditions, ac or loan condition	nedule for the rams which n dministrative os.	construction, nay affect the renforcement

environmental projects which may affect your discharges) you now have under way or which you plan. Indicate whether each program is now under way or planned, and indicate your actual or planned schedules for construction.

V. 11417	ARE AND EFFLUENT	CHARACTERISTICS		
A, B, & C	space provided.	before proceeding – Complete o		- Annotate the outfall number in the i-18.
which	you know or have reas	y of the pollutants (refer to SAR on to believe is discharged or many but believe it to be present and re	ry be discharged from any outfa	Ill. For every pollutant you list,
Pe	OLLUTANT	SOURCE	POLLUTANT	SOURCE
		· · · · · · · · · · · · · · · · · · ·		
VI POT	TENTIAL DISCHARG	ES NOT COVERED BY ANA	LYSIS	
A. Is any produ	y pollutant listed in Item ace over the next 5 years	V-C a substance or a componen as an immediate or final products pollutants below)	t of a substance which you use	
B. Are y disch	arge of pollutants may d	your raw materials, processes, ouring the next 5 years exceed tw	o times the maximum values re	xpected to vary so that your ported in Item V?
[Yes (Complete	Item VI-C) 🛛 No	(Go to Item VII)	
exped	u answered "Yes" to Iter ted levels of such pollu ional sheets if you need	tants which you anticipate will b	ribe in detail to the best of your e discharged from each outfall o	ability at this time the sources and over the next 5 years. Continue on

VII. BIOLO	GICAL TOXICI	TY TESTING DATA				1705	
Do you have an	y knowledge of og ges or on a receiving	r reason to believe that a	any biologica your discharge	l test for e within	acute or chronic the last 3 years?	toxicity has been to	made on any
	Yes (Identify th	ne test(s) and describe the	heir purposes	below)		No (Go to Sec	tion VIII)
,							
		VO NITONICI TION				£.	
		IS INFORMATION	<u> </u>				Granding (2028), 175 to grand the second section (177
Were any of the	e analyses reporte	d in Item V performed I	by a contract	laborato	ry or consulting fi	irm?	
Section IX)	Yes (list the na analyzed	ume, address, and teleph by each such laboratory	one number of or firm belo	of, and p w)	ollutants		No (Go to
NA	ME	ADDRESS			ΓELEPHONE a code & numbe		OLLUTANTS ALYZED (list)
IX. CERTIFIC	CATION		E Digital				
I certify unde	r penalty of law	v that this document	and all attac	hments	were prepared	under my directi	on or supervision in
accordance wi Based on my	th a system desi	gned to assure that querson or persons who	ualified persomanage the	onnel pi system,	roperly gather ar or those persons	nd evaluate the in directly respons	ible for gathering the
information, th	ne information su	abmitted is, to the best	st of my kno	owledge	and belief, true	, accurate, and c	omplete. I am aware
knowing violat		antes for submitting f	aise intorna	uion, m		***************************************	
NAME AND O	OFFICIAL TITLE	(type or print):			TELEPHONE N	UMBER (area co	de and number):
	ennett, President			F.	(606) 573 - 1211	1	1946-19
SIGNATURE	0 P				DATE		
1 Deg-	- ひーこ)	-			2-29-08		

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. (See instructions)

V. INTAKE AND	EFFLUENT C	HARACTERIS	FICS (Continued f	rom page 3 of F	orm C)					OUTFALL NO.	1	
Part A – You must	provide the resu	lts of at least one	analysis for every p	oollutant in this ta 2. EFFLUENT	s for additional detai 3. UNI (specify if I	rs	4. INTAKE (optional)					
1. POLLUTANT		n Daily Value	b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of	a. Concentration	b. Mass	a. Long-Term Avg. Value		b.
	(1) Concentratio	n (2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	No of Analyses
a. Biochemical Oxygen Demand (BOD)												
b. Chemical Oxygen Demand (COD)									-			
c. Total Organic Carbon (TOC)												
d. Total Suspended Solids (TSS)		0 0	N/A	N/A	N/A	N/A	3	PPM	LBS/MG			
e. Ammonia (as N)												-
f. Flow (in units of MGD)	VALUE	0.004	VALUE		VALUE			MGD		VALUE		
g Temperature (winter)	VALUE	34 ° F	VALUE		VALUE			°c		VALUE		
h. Temperature (summer)	VALUE	73 ° F	VALUE		VALUE	-			°c	VALUE	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	
i. pH	MINIMUM 7.8	MAXIMUM 8.3	MINIMUM	MAXIMUM				STANI	DARD UNITS	-		1

Part B - In the MARK "X" column, place an "X" in the Believed Present column for each pollutant you know or have reason to believe is present. Place an "X" in the Believed Absent column for each pollutant you believe to be absent. If you mark the Believed Present column for any pollutant, you must provide the results of at least one analysis for that pollutant. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT		K "X"				3. FLUENT				4. UNITS		INTAK	6. E (option	al)
AND CAS NO.	a.	b.	a. Maximum Da		b. Maximum 3 Value (if avai	0-Day lable)	c. Long-Tern Value (if avai	ı Avg. ilable)	d. No. of	a.	b.	a. Long-Term Value	Avg	b. No. of
(if available)	Believed Present	Believed Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses	Concentration	Mass	(1) Concentration	(2) Mass	Analyses
a. Bromide (24959-67-9)		X												
b. Bromine Total Residual		Х												
c. Chloride		· X												
d. Chlorine, Total Residual		Х												
e. Color		Х												
f. Fecal Coliform		X	1. 1.7											
g. Fluoride (16984-48-8)		Х												
h. Hardness (as CaCO ₃)	X	-	140	1169		-				PPM	#/MG			
i. Nitrate Nitrite (as N)		X.				-								
j. Nitrogen, Total Organic (as N)		Х												
k. Oil and Grease		X												
I. Phosphorous (as P), Total 7723-14-0		X				-								
m. Radioactivity						-								
(1) Alpha, Total		х												
(2) Beta, Total		х												
(3) Radium Total		Х							-					
(4) Radium, 226, Total		X							w					

1. POLLUTANT And CAS NO.	MAR	2. K "X"				3. FLUENT				4. UNITS		INTAK	5. Œ (option	al)
	a.	b.	a. Maximum Dail		b. Maximum 3 Value (if avai	lable)	c. Long-Terr Value (if ava	n Avg. ilable)	d. No. of	a.	b.	a. Long-Term Avg	. Value	b. No. of
(if available)	Believed Present	Believed Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses	Concentration	Mass	(1) Concentration	(2) Mass	Analyses
n. Sulfate (as SO ₄) (14808-79-8)	х		224	1870						PPM	#/MG	Concentration	11405	
o. Sulfide (as S)		х			-						,			
p. Sulfite (as SO ₄) (14286-46-3)		Х		7.7								*		
q. Surfactants		X												i
r. Aluminum, Total (7429-90)		х												
s. Barium, Total (7440-39-3)		Х												
t. Boron, Total (7440-42-8) u. Cobalt, Total		х												
(7440-48-4) v. Iron, Total		X												
(7439-89-6) w. Magnesium	X		0.26	2.17						PPM	#/MG	· · ·		
Total (7439-96-4)		х												
x. Molybdenum Total (7439-98-7)		х												
y. Manganese, Total (7439-96-6)	х		0.20	1.67						PPM	#/MG			
z. Tin, Total (7440-31-5)		х								11101	#/IVIO			
aa. Titanium, Total (7440-32-6)		х										`		

Part C – If you are a primary industry and this outfall contains process wastewater, refer to Table C-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in the Testing Required column for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark this column (secondary industries, nonprocess wastewater outfalls, and non-required GC/MS fractions), mark "X" in the Believed Present column for each pollutant you know or have reason to believe is present. Mark "X" in the Believed Absent column for each pollutant you believe to be absent. If you mark either the Testing Required or Believed Present columns for any pollutant, you must provide the result of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Complete one table (all seven pages) for each outfall. See instructions for additional details and requirements.

1. POLLUTANT	1	2. MARK "X"	1			EFF	3. LUENT				4. UNITS		INTAK	5. E (optiona	I)
And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily		b. Maximum 3 Value (if avail	able)	c. Long-Term Value (if avail	Avg. lable)	d. No. of	a. Concentration	b. Mass	a. Long-Term Av	g Value	b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	
METALS, CYAN	IDE AND T	OTAL PHE	NOLS						112400	<u> </u>			Concentration	111435	
1M. Antimony								-							
Total			1	·									·		
(7440-36-0)			X								-				
2M. Arsenic,															
Total															
(7440-38-2)			X												
3M. Beryllium Total												-			
(7440-41-7)			7,												
4M. Cadmium			X												
Total															
(7440-43-9)			\mathbf{x}]
5M. Chromium			^												
Total															
(7440-43-9)			х												
6M. Copper			Λ												
Total															
(7550-50-8)			x												
7M. Lead															
Total		İ													
(7439-92-1)			X												
8M. Mercury															
Total				i											
(7439-97-6)			X												
9M. Nickel,							-					- 1			
Total															
(7440-02-0)			X												
10M. Selenium,	ĺ														
Total				İ											
(7782-49-2)			X									ì			
11M. Silver, Total			- 1	ļ			1			a.					
(7440-28-0)			x										-		
(/440-20-0)															

Part	C-	Contin	uec

1.		2. MARK "X"				EFF	3. LUENT				4. UNITS		INTAK	5. E (optiona	ıl)
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily		b. Maximum 3 Value (if avai	lable)	c. Long-Term Value (if avai	lable)	d. No. of	a. Concentration	b. Mass	a. Long-Term Av		b. No. of
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	Analyses
METALS, CYAN	VIDE AND T	OTAL PHE	NOLS (Con	tinued)						'					
12M. Thallium,															
Total (7440-28-0)			x												
13M. Zinc,			X												
Total															
(7440-66-6)			X				1								
14M. Cyanide,															
Total															
(57-12-5) 15M. Phenols,	- :		X										-		
Total															
1			X							1					
DIOXIN					,		·						I		
2,3,7,8 Tetra-				DESCRIBE RESU	JLTS:						-				
chlorodibenzo,			37												
P, Dioxin (1784-01-6)			X												
GC/MS FRACTI	ON – VOLA	TILE COM	POUNDS												
												1			
1V. Acrolein									1						
(107-02-8) 2V.			X						ļ						
Acrylonitrile															
(107-13-1)			x						-						
3V. Benzene															
(71-43-2)			X												
5V. Bromoform (75-25-2)			X							1					
6V. Carbon	-		X				1		-						
Tetrachloride															
(56-23-5)			X												
7V. Chloro-															
benzene			1.												
(108-90-7) 8V.			X									-			
Chlorodibro-															1
momethane									1						
(124-48-1)			Х												

Part C - Continu	ed														
1.		2. MARK "X"				EFF	3. LUENT				4. UNITS		INTAK	5. E (optiona	al)
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily		b. Maximum 3 Value (if avail		c. Long-Term Value (if avail	Avg. (able)	d. No. of	a. Concentration	b. Mass	a. Long-Term Av	g Value	b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	
9V. Chloroethane															
(74-00-3)			x												
10V. 2-Chloro- ethylvinyl Ether					-								-		
(110-75-8)			X								· .				
11V. Chloroform (67-66-3)			x												
12V. Dichloro-															
bromomethane (75-71-8)			x								-				
14V. 1,1-															† ·
Dichloroethane (75-34-3)			X												
15V. 1,2- Dichloroethane (107-06-2)			x												
16V. 1,1- Dichlorethylene (75-35-4)															
17V. 1,2-Di- chloropropane			X		,					-					
(78-87-5)			X												
18V. 1,3- Dichloropro-		-	37						-						
pylene (452-75-6)			X												
19V. Ethyl- benzene (100-41-4)			Х										· .		-
20V. Methyl Bromide (74-83-9)			X												

Part C - Continu	ied														
1. POLLUTANT		2. MARK "X"				EFF	3. LUENT				4. UNITS		INTAK	5. E (optiona	ıl)
And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	y Value	b. Maximum 3 Value (if avail		c. Long-Term Value (if avai		d. No. of	a. Concentration	b. Mass	a. Long-Term Av	g. Value	b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses		1121100	(1) Concentration	(2) Mass	7411117503
21V. Methyl Chloride (74-87-3)			X				1.4400		11,44,05				Concentration	141435	
22V. Methylene Chloride (75-00-2)			X												
23V. 1,1,2,2- Tetrachloro- ethane (79-34-5)			X												
24V. Tetrachloro- ethylene (127-18-4)			х												
25V. Toluene (108-88-3)			х												
26V. 1,2-Trans- Dichloro- ethylene (156-60-5)			Х						-						學生
27V. 1,1,1-Tri- chloroethane (71-55-6)			X												
28V. 1,1,2-Tri- chloroethane (79-00-5)			X									-			
29V. Trichloro- ethylene (79-01-6)			X			-									-
30V. Vinyl Chloride (75-01-4)			х												

Part C - Continu	ıed														
1.	1	2. MARK "X"			-	EFF	3. LUENT				4. UNITS		INTAK	5. E (optiona	al)
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Dail	v Value	b. Maximum 3 Value (if avail	0-Day	c. Long-Term Value (if avai		d. No. of	a. Concentration	b. Mass	a. Long-Term Av		b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses	Concenti ation	IVIASS	(1) Concentration	(2) Mass	Allalyses
GC/MS FRACTI	ON – ACID	COMPOUN	DS					, concentration	11,144,55			L	Concentration	141433	
1A. 2-Chloro- phenol															
(95-57-8)			X												
2A. 2,4- Dichlor- Orophenol	7.2		X												
(120-83-2)															
3A. 2,4-Dimeth- ylphenol (105-67-9)			X												
4A. 4,6-Dinitro- o-cresol						7-0-0									<u> </u>
(534-52-1)			х								:				
5A. 2,4-Dinitro- phenol															
(51-28-5)			X	-											
6A. 2-Nitro- phenol (88-75-5)			x												
7A. 4-Nitro- phenol			A												
(100-02-7) 8A. P-chloro-m-			Х												
cresol (59-50-7)			х												
9A. Pentachloro- phenol (87-88-5)			х												
10A. Phenol (108-05-2)	17.74	,	Х									-			
11A. 2,4,6-Tri- chlorophenol (88-06-2)			х												
GC/MS FRACTION	ON - BASE/	NEUTRAL	COMPOUN	DS				TATAL	L						L
1B. Acena- phthene (83-32-9)			х	-											
(83-32-9)			Х												L

1.		2. MARK "X"	1			EFF	3. LUENT				4. UNITS		INTAK	5. E (optiona	al)
POLLUTANT And CAS NO. (if available)	a. Testing	a. Believed	b. Believed	a. Maximum Daily		b. Maximum 3 Value (if avai	lable)	c. Long-Term Value (if avai	Avg. lable)	d. No. of	a. Concentration	b. Mass	a. Long-Term Av		b. No. of Analyse
	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	
GC/MS FRACT	ON - BASE/	NEUTRAL	COMPOUN	DS (Continued)			1	- CONTROL CONTROL	1111133	<u> </u>		L	Concentration	IVLASS	
2B. Acena- phtylene (208-96-8)			X												
3B. Anthra- cene (120-12-7)															
4B.			X		-										
Benzidine (92-87-5)			x												
5B. Benzo(a)- anthracene (56-55-3)			x												
6B. Benzo(a)- pyrene (50-32-8)			x												
7B. 3,4-Benzo- fluoranthene					<u> </u>										
(205-99-2) 8B. Benzo(ghl) perylene			X												
(191-24-2) 9B. Benzo(k)-		- · · · · · · · · · · · · · · · · · · ·	X												
fluoranthene (207-08-9)			X												
10B. Bis(2- chlor- oethoxy)- methane			x												-
(111-91-1) 11B. Bis		-													
(2-chlor- oisopropyl)- Ether			х						-						
12B. Bis 2-ethyl- nexyl)-			Х									<i></i>			
ohthalate (117-81-7)	-		^		-										

Part C - Continu	ied														
1. POLLUTANT		2. MARK "X"					3. LUENT				4. UNITS		INTAK	5. E (optiona	al)
And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	/ Value	b. Maximum 3 Value (if avail	0-Day able)	c. Long-Term Value (if avai		d. No. of	a. Concentration	b. Mass	a. Long-Term Av		b. No. of
(if available)	Required	Present	Absent	(1)	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses	Concentration	Mass	(1)	(2)	Analyses
GC/MS FRACTI	ON - BASE/	NEUTRAL	COMPOUN	DS (Continued)	171433	Concentration	IVIASS	Concentration	Mass				Concentration	Mass	
13B. 4-Bromo-									Г	1					
phenyl		İ	-												
Phenyl ether			X						l						
(101-55-3) 14B. Butyl-															-
benzyl															
phthalate			x												
(85-68-7)	-	-	^												
15B. 2-Chloro-															
naphthalene															
(7005-72-3)			X												
16B. 4-Chloro-							-								
phenyl															
phenyl ether			X					-							
(7005-72-3)						. 2									
17D CI															
17B. Chrysene (218-01-9)															
18B. Dibenzo-			X												
(a,h)															
Anthracene			x				1								
(53-70-3)			Λ												
19B. 1,2-															
Dichloro-											İ				
benzene			X												
(95-50-1)		1													
20B. 1,3- Dichloro-					\neg										
Benzene					1		-					i			
(541-73-1)			X				1							-	
21B. 1,4-															Ì
Dichloro-	1	. }	.												
benzene			X												
(106-46-7)										ŀ					
22B. 3,3-															
Dichloro-	***			1							İ				
benzidene			X	ĺ			1					.			
(91-94-1)															
23B. Diethyl											-				
Phthalate (84-66-2)						:									
(04-00-2)			X	i											

Part C - Continu	ed														
1. POLLUTANT		2. MARK "X"				EFI	3. FLUENT				4. UNITS			5. Œ (options	
And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	y Value	b. Maximum 3 Value (if avai	30-Day lable)	c. Long-Term Value (if avai		d. No. of	a. Concentration	b. Mass	a. Long-Term Av	g. Value	b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses	- Concentration		(1) Concentration	(2) Mass	Zxnaryses
GC/MS FRACTI	ON - BASE/	NEUTRAL	COMPOUN	DS (Continued)											
24B. Dimethyl Phthalate (131-11-3)			x							r -					
25B. Di-N- butyl Phthalate			^	:											-
(84-74-2) 26B.			Х												ļ
2,4-Dinitro- toluene			x												
(121-14-2) 27B.			-				-				-				
2,6-Dinitro- toluene (606-20-2)			х												
28B. Di-n-octyl Phthalate															
(117-84-0) 29B. 1,2-			X								-				
diphenyl- hydrazine (as azonbenzene) (122-66-7)			X												
30B. Fluoranthene (208-44-0)			х												
31B. Fluorene (86-73-7)			х												
32B. Hexachloro- benzene			x												
(118-71-1) 33B. Hexachloro- butadiene			X						-						
(87-68-3) 34B.			7.												ļ
Hexachloro- cyclopenta- diene (77-47-4)			X											The state of the s	

Part C - Continu	ied									· · · · · · · · · · · · · · · · · · ·					
1.		2. MARK "X"				EFF	3. LUENT				4. UNITS		INTAK	5. E (optiona	ıl)
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	y Value	b. Maximum 3 Value (if avai		c. Long-Term Value (if avail		d. No. of	a. Concentration	b. Mass	a. Long-Term Av	g Value	b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	
GC/MS FRACT	ON - BASE/	NEUTRAL	COMPOUN	DS (Continued)	1	1	1.4400		1.2400	<u> </u>		L	- Concentration	112400	
35B. Hexachlo-												1			
roethane															
(67-72-1)			X												
36B. Indneo-															
(1,2,3-oc)-		-								-					
Pyrene			X												
(193-39-5)															
37B.															
Isophorone															
(78-59-1)			X						<u> </u>						
38B.		1													
Napthalene (91-20-3)	-		7.			1				ļ					
39B.			X							ļ					
Nitro-										ì	,				
benzene			X				1								
(98-95-3)			^												
40B. N-Nitroso-			-	-						-					
dimethyl-															
amine			X												
(62-75-9)															
41B.									1						
N-nitrosodi-n-							1								
propylamine			X		ļ										
(621-64-7)					İ										
42B. N-nitro-															
sodiphenyl-			l												
amine			X												
(86-30-6)															
43B. Phenan- threne						·									- 1
(85-01-8)			3,							1					
(83-01-8)			X				ļ								
44B. Pyrene	1.														
(129-00-0)			X	-											
45B. 1,2,4 Tri-			Λ.							 					
chloro-					1										
benzene			х												
			1 .,						1						
(120-82-1)	<u> </u>	-													<u>L</u>

Part C - Continu	ied												-		
1.		2. MARK "X"				EFF	3. LUENT				4. UNITS		INTAK	5. E (optiona	d)
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	Value	b. Maximum 3 Value (if avai		c. Long-Term Value (if avail	Avg.	d. No. of	a. Concentration	b. Mass	a. Long-Term Ava	g. Value	b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	· mary oco
GC/MS FRACT	ON – PESTI	CIDES			,										
1P. Aldrin (309-00-2)			Х	-											
2P. α-BHC (319-84-6)			X												
3P. β-BHC (58-89-9)			x							-					
4P. gamma-BHC (58-89-9)			x												
5P. δ-BHC (319-86-8)			х												
6P. Chlordane (57-74-9)			х										·		
7P. 4,4'-DDT (50-29-3)			х						· · · · · · · · · · · · · · · · · · ·						
8P. 4,4'-DDE (72-55-9)			X												
9P. 4,4'-DDD (72-54-8)			X										·		
10P. Dieldrin (60-57-1)	:		х											-	
11P. α- Endosulfan (115-29-7)			х					·							
12P. β- Endosulfan (115-29-7)			х		- '										
13P. Endosulfan Sulfate (1031-07-8)			X		,										
14P. Endrin (72-20-8)			x												

1. POLLUTANT	1	2. MARK "X"	1			EFF	3. LUENT			1	4. UNITS			5. E (options	
And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily		b. Maximum 3 Value (if avai	lable)	c. Long-Term Value (if avai	lable)	d. No. of	a. Concentration	b. Mass	a. Long-Term Av	g Value	b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	
GC/MS FRACTI	ON - PESTI	CIDES											1		
15P. Endrin Aldehyde (7421-93-4)			X					-			-				
16P Heptachlor (76-44-8)			Х								-				
17P. Heptaclor Epoxide (1024-57-3)			X												
18P. PCB-1242 (53469-21-9)			х												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			Х												
21P. PCB-1232 (11141-16-5)			Х												
22P. PCB-1248 (12672-29-6)			X											1 10/24	
23P. PCB-1260 (11096-82-5)			х												
24P. PCB-1016 (12674-11-2)			X												
25P. Toxaphene (8001-35-2)			х												

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. (See instructions)

			TICS (Continued							OUTFALL NO.	7	
Part A – You mus	t provide the resu	ılts of at least one	analysis for every	pollutant in this ta 2. EFFLUENT	able. Complete one tal	ble for each outfa	all. See instruction	3. UNI	TS		. INTAKE	
1. POLLUTANT		m Daily Value	(if ava	30-Day Value ilable)	c. Long-Term /		d. No. of	(specify if a. Concentration	blank) b. Mass	a. Long-Term A		b.
	(1) Concentration	(2) On Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses		1-2400	(1) Concentration	(2) Mass	No of
a. Biochemical Oxygen Demand (BOD)										Concentration	IVIASS	Analyses
b. Chemical Oxygen Demand (COD)												
c. Total Organic Carbon (TOC)												
d. Total Suspended Solids (TSS)		1 8.34	N/A	N/A	N/A		3	РРМ	LBS/MG			
e. Ammonia (as N)									SSSINO			
f. Flow (in units of MGD)	VALUE	0.002	VALUE	N/A	VALUE	N/A			MGD	VALUE		
g. Temperature (winter)	VALUE	34°F	VALUE	N/A	VALUE				°c	VALUE		
h. Temperature (summer)	VALUE	73 ° F	VALUE	N/A	VALUE				°c	VALUE		
i. pH	MINIMUM 7.5	MAXIMUM 8.0	MINIMUM	MAXIMUM				STANI	DARD UNITS			

Part B - In the MARK "X" column, place an "X" in the Believed Present column for each pollutant you know or have reason to believe is present. Place an "X" in the Believed Absent column for each pollutant you believe to be absent. If you mark the Believed Present column for any pollutant, you must provide the results of at least one analysis for that pollutant. Complete one table for each outfall. See the instructions for additional details and requirements.

1.	T :	2.	1			3.			<u> </u>	· · · · · · · · · · · · · · · · · · ·				
POLLUTANT		K "X"			EF	FLUENT				4. UNITS		INTERE	6. Œ (optior	-15
AND CAS NO.	a.	b.	a. Maximum Da		b. Maximum 3 Value (if avai	0-Day	c. Long-Teri Value (if ava	n Avg. ilable)	d. No. of	a.	b.	a. Long-Term Value		b. No. of
(if available)	Believed Present	Believed Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses	Concentration	Mass	(1) Concentration	(2) Mass	Analyses
a. Bromide								114455				Concentration	Mass	
(24959-67-9)		X												
b. Bromine Total														
Residual		Х												
					-									
c. Chloride d. Chlorine,		X								<u> </u>				
Total Residual		х												
Residual		X												
e. Color		X							ĺ					
f. Fecal Coliform		Х												-
g. Fluoride														
(16984-48-8)		X												
h. Hardness	.,													
(as CaCO ₃) i. Nitrate –	X		504	4208						PPM	#/MG			
Nitrite (as N)		х												
j. Nitrogen,														
Total		· .												
Organic (as N)		х												
k. Oil and		^												-
Grease		X					-							
Phosphorous (as P), Total														
7723-14-0		x												
m.														
Radioactivity														
(1) Alpha, Total	ĺ	х												
(2) Beta,														
Total		X				j								
(3) Radium Total		х			-									
(4) Radium,														
226, Total		X											ļ	
					· · · · · · · · · · · · · · · · · · ·									

1. POLLUTANT	MAR	2. K "X"			EF	3. FLUENT				4. UNITS	ternal (to terminal to	INTAK	5. Œ (option	al)
And CAS NO.	a.	b.	a. Maximum Dail	y Value	b. Maximum 3 Value (if avai	0-Day	c. Long-Terr Value (if ava		d. No. of	a.	b.	a. Long-Term Avg		b. No. of
(if available)	Believed Present	Believed Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses	Concentration	Mass	(1) Concentration	(2) Mass	Analyses
n. Sulfate (as SO ₄) (14808-79-8)	х		720	6012			Concentration	111135		PPM	#/MG	Concentration	Mass	
o. Sulfide (as S)		х												
p. Sulfite (as SO ₄) (14286-46-3)		х												:
q. Surfactants	·	х												
r. Aluminum, Total (7429-90)		х												
s. Barium, Total (7440-39-3)		х												
t. Boron, Total (7440-42-8)		х												
u. Cobalt, Total (7440-48-4)		х												
v. Iron, Total (7439-89-6)	X		0.21	1.76						PPM	#/MG			
w. Magnesium Total (7439-96-4)		x												
c. Molybdenum Total (7439-98-7)		Х												
/. Manganese, Total (7439-96-6)	х		0.17	1.39						PPM	#/MG			
Tin, Total (7440-31-5)		х				7				22.11				
a. Titanium, Total (7440-32-6)		х							-					

Part C – If you are a primary industry and this outfall contains process wastewater, refer to Table C-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in the Testing Required column for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark this column (secondary industries, nonprocess wastewater outfalls, and non-required GC/MS fractions), mark "X" in the Believed Present column for each pollutant you know or have reason to believe is present. Mark "X" in the Believed Absent column for each pollutant you believe to be absent. If you mark either the Testing Required or Believed Present columns for any pollutant, you must provide the result of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Complete one table (all seven pages) for each outfall. See instructions for additional details and requirements.

1.	I	2. MARK "X"				EFF	3. LUENT				4. UNITS		INTAK	5. E (optiona	I) .
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	Value	b. Maximum 3 Value (if avai		c. Long-Term Value (if avail		d. No. of	a. Concentration	b. Mass	a. Long-Term Av	g Value	b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses	·		(1) Concentration	(2) Mass	,
METALS, CYAN	IDE AND T	OTAL PHE	NOLS												
1M. Antimony Total															
(7440-36-0)			X												
2M. Arsenic, Total (7440-38-2)			X												
3M. Beryllium			Λ												
Total	•														
(7440-41-7)			X								_				
4M. Cadmium															
Total (7440-43-9)			37												
5M. Chromium			X									1.0			
Total															
(7440-43-9)			X					-		_					į
6M. Copper					_			-							
Total															
(7550-50-8) 7M. Lead			X												
Total															
(7439-92-1)			X												
8M. Mercury															
Total (7439-97-6)															
9M. Nickel,			X												
Total															
(7440-02-0)			X												
10M. Selenium,													· · · · · · · · · · · · · · · · · · ·		
Total															
(7782-49-2) 11M. Silver,			X												
Total	ļ										- The state of the				
(7440-28-0)			x												
							L		·						

P	a	r	t	C	_	Con	ti	n	u	e	d

1.	1	2. MARK "X"				EFF	3. LUENT				4. UNITS		INTAK	5. E (optiona	al)
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily		b. Maximum 3 Value (if avail		c. Long-Term Value (if avail		d. No. of	a. Concentration	b. Mass	a. Long-Term Av		b. No. of
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses		!	(1) Concentration	(2) Mass	Analyses
METALS, CYAN	IDE AND T	OTAL PHE	NOLS (Con	tinued)					· · · · · · · · · · · · · · · · · · ·					-	
12M. Thallium,									Ι						
Total (7440-28-0)			Х												
13M. Zinc, Total								,							
(7440-66-6)			X						:						
14M. Cyanide, Total															
(57-12-5)			X												
15M. Phenols,															
Total			X												
DIOXIN															
2,3,7,8 Tetra-				DESCRIBE RESU	JLTS:										
chlorodibenzo, P, Dioxin			X												
(1784-01-6)								and the second s							
GC/MS FRACTI	ON – VOLA	TILE COM	POUNDS												
1V. Acrolein (107-02-8)			X						-						
2V.			^												
Acrylonitrile (107-13-1)			X												
3V. Benzene (71-43-2)															
5V. Bromoform			X								-				-
(75-25-2)			X												
6V. Carbon Tetrachloride															
(56-23-5)			X												
7V. Chloro- benzene										•			-		
(108-90-7)			X												
8V. Chlorodibro-											-				
momethane (124-48-1)											'				
(124-48-1)			X			L		L	L						نـــــــــــــــــــــــــــــــــــــ

Part C - Continu	ied												-		
1.	I	2. MARK "X"				EFF	3. LUENT				4. UNITS		INTAK	5. E (optiona	1)
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily		b. Maximum 3 Value (if avail		c. Long-Term Value (if avail		d. No. of	a. Concentration	b. Mass	a. Long-Term Av		b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	
9V. Chloroethane (74-00-3)			х												
10V. 2-Chloro- ethylvinyl Ether (110-75-8)			x												
11V. Chloroform (67-66-3)			X												
12V. Dichloro- bromomethane (75-71-8)			X										· · · · · · · · · · · · · · · · · · ·		
14V. 1,1- Dichloroethane (75-34-3)			X												
15V. 1,2- Dichloroethane (107-06-2)			x												
16V. 1,1- Dichlorethylene (75-35-4)			х			-						. 1.			
17V. 1,2-Di- chloropropane (78-87-5)			X												
18V. 1,3- Dichloropro- pylene			X												
(452-75-6) 19V. Ethyl- benzene															
(100-41-4) 20V. Methyl			Х												
Bromide (74-83-9)			X												

1.		2. MARK "X"				EFF	3. LUENT	`			4. UNITS		INTAK	5. E (optiona	al)
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	Value	b. Maximum 3 Value (if avai		c. Long-Term Value (if avai		d. No. of	a. Concentration	b. Mass	a. Long-Term Avg		b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	1
21V. Methyl Chloride (74-87-3)			х						1.2400				Concent attor	174433	
22V. Methylene Chloride (75-00-2)			x									-			
23V. 1,1,2,2- Tetrachloro- ethane (79-34-5)			х												
4V. Tetrachloro- ethylene (127-18-4)			x												
5V. Toluene (108-88-3)			х										7		
6V. 1,2-Trans- Dichloro- ethylene (156-60-5)			х												
7V. 1,1,1-Tri- hloroethane (71-55-6)			х												
8V. 1,1,2-Tri- hloroethane (79-00-5)			X											W. F.	
9V. Trichloro- ethylene (79-01-6)			X												
0V. Vinyl Chloride (75-01-4)			Х					:							

Part C - Continu	ed														
1.	1	2. MARK "X"				EFF	3. LUENT				4. UNITS		INTAK	5. E (optiona	d)
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	Volue	b. Maximum 3 Value (if avai		c. Long-Term Value (if avail	Avg.	d. No. of	a. Concentration	b. Mass	a. Long-Term Av	g Value	b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses	Concentration	Mass	(1) Concentration	(2) Mass	Analyses
GC/MS FRACTI	ON – ACID	COMPOUN	DS										L		
IA: 2-Chloro- phenol (95-57-8)			x						-				-		
2A. 2,4- Dichlor- Orophenol (120-83-2)			x											-	
3A. 2,4-Dimeth- ylphenol (105-67-9)	·		х												
4A. 4,6-Dinitro- o-cresol (534-52-1)			Х												
5A. 2,4-Dinitro- phenol (51-28-5) 6A. 2-Nitro-			х												
phenol (88-75-5) 7A. 4-Nitro-			х												
phenol (100-02-7) 8A. P-chloro-m-			X												
cresol (59-50-7)			х												
Pentachloro- phenol (87-88-5)			X												
10A. Phenol (108-05-2)	:		X		-										-
11A. 2,4,6-Tri- chlorophenol (88-06-2)	ON DICE		X								- 14.				
GC/MS FRACTI 1B. Acena-	ON – BASE/	NEUTKAL	COMPOUN	שע	I	Γ									
phthene (83-32-9)			x												

Part C - Continu	ıed														
1.	1	2. MARK "X"				EFF	3. LUENT				4. UNITS		INTAK	5. E (optiona	d)
POLLUTANT And CAS NO.	a.	a.	ь.	a.		b. Maximum 3		c. Long-Term		d.	a.	b.	a. Long-Term Av	g Value	b. No. of
(if available)	Testing Required	Believed Present	Believed Absent	Maximum Daily (1)	y Value (2)	Value (if avai	lable) (2)	Value (if avail	(2)	No. of Analyses	Concentration	Mass	(1)	(2)	Analyses
				Concentration	Mass	Concentration	Mass	Concentration	Mass				Concentration	Mass	
GC/MS FRACT	ION – BASE/	NEUTRAL	COMPOUN	NDS (Continued)	T					· · · · · · · · · · · · · · · · · · ·					
2B. Acena- phtylene (208-96-8)			x												
3B. Anthra- cene (120-12-7)			х												
4B.															
Benzidine (92-87-5)			X												
5B. Benzo(a)- anthracene (56-55-3)			X												
6B. Benzo(a)-			1						-						-
pyrene (50-32-8)			х												
7B. 3,4-Benzo- fluoranthene (205-99-2)			X	:							. *				
8B. Benzo(ghl) perylene			X.												
(191-24-2) 9B. Benzo(k)-		· · · · ·	X												
fluoranthene (207-08-9)			x												
10B. Bis(2- chlor-		-													
oethoxy)- methane (111-91-1)			X	·				٠.							
11B. Bis (2-chlor-															
oisopropyl)- Ether			X			Table No.					-				
12B. Bis (2-ethyl- hexyl)- phthalate			x												
(117-81-7)															

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Part C - Continu	ed														
1.	1	2. MARK "X"				EFF	3. LUENT				4. UNITS		INTAK	5. E (optiona	
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	. Walua	b. Maximum 3 Value (if avai		c. Long-Term Value (if avail	Avg.	d. No. of	a. Concentration	b. Mass	a. Long-Term Av	g Value	b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses	Concentration	Mass	(1) Concentration	(2) Mass	Anatyses
GC/MS FRACTI	ON - BASE/	NEUTRAL	COMPOUN	DS (Continued)	1	1					L				d
13B. 4-Bromo-															
phenyl Phenyl ether (101-55-3)			x												
14B. Butyl- benzyl phthalate			x								·				
(85-68-7)															
15B. 2-Chloro- naphthalene (7005-72-3)			x												
16B. 4-Chloro-															
phenyl phenyl ether (7005-72-3)			x												
17B. Chrysene (218-01-9)			x												
18B. Dibenzo- (a,h) Anthracene			x												
(53-70-3) 19B. 1,2- Dichloro- benzene	·		X												
(95-50-1) 20B. 1,3-														-	<u> </u>
Dichloro- Benzene (541-73-1)			X												
21B. 1,4- Dichloro- benzene			х												
(106-46-7) 22B. 3,3-					-		-			ļ					
Dichloro- benzidene (91-94-1)			x												
23B. Diethyl Phthalate (84-66-2)			X	·	-										

Part C - Continu	ed						3.								
1.	2. MARK "X"				EFF	4. UNITS		5. INTAKE (optional)							
POLLUTANT And CAS NO. (if available)	a. Testing Required	a. Believed Present	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of	a. Concentration	b.	a. Long-Term Avg. Value		b. No. of Analyses
				(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses	Concentration	Mass	(1) Concentration	(2) Mass	Maijses
GC/MS FRACTI	ON - BASE/	NEUTRAL	COMPOUN	DS (Continued)											1
24B. Dimethyl Phthalate (131-11-3)			Х												
25B. Di-N- butyl Phthalate (84-74-2)			X												
26B. 2,4-Dinitro-										-		-			
toluene (121-14-2) 27B.			X												
2,6-Dinitro- toluene (606-20-2)			x												
28B. Di-n-octyl Phthalate (117-84-0)	-		x				:							-	
29B. 1,2- diphenyl- hydrazine (as azonbenzene) (122-66-7)			X				-				-				
30B. Fluoranthene (208-44-0)			х												
31B. Fluorene (86-73-7)			X	:											
32B. Hexachloro- benzene (118-71-1)			x												
33B. Hexachloro- butadiene (87-68-3)			x												
34B. Hexachloro- cyclopenta- diene (77-47-4)			х												

Part C - Continu	ied														
1.	2. MARK "X"				EFF	4. UNITS		5. INTAKE (optional)							
POLLUTANT And CAS NO. (if available)		a. Believed	b. Believed Absent	a. Maximum Daily Value		b. Maximum 30-Day Value (if available)		c. Long-Term Avg. Value (if available)		d. No. of	a. Concentration	b. Mass	a. Long-Term Avg Value		b. No. of Analyses
		Present		(1) Concentration	(2) Mass	(1)	(2) Mass	(1) Concentration	(2) Mass	Analyses	Сопсепьтацоп	Mass	(1) Concentration	(2) Mass	Amaryses
GC/MS FRACT	ON - BASE/	NEUTRAL	COMPOUN			1 *************************************	1.2.00		1	-					J
35B. Hexachlo- roethane (67-72-1)			x		-			-							
36B. Indneo- (1,2,3-oc)- Pyrene	-		x								·				
(193-39-5) 37B. Isophorone (78-59-1)			7												
(78-39-1) 38B. Napthalene (91-20-3)			X		· .										
39B. Nitro- benzene			X												
(98-95-3) 40B. N-Nitroso- dimethyl- amine	-		X	-	,										
(62-75-9) 41B. N-nitrosodi-n-			7/												
propylamine (621-64-7) 42B. N-nitro-			X		<u> </u>										
sodiphenyl- amine (86-30-6)	:		x				-								
43B. Phenan- threne (85-01-8)			X												
44B. Pyrene (129-00-0)			X							-					
45B. 1,2,4 Tri- chloro- benzene (120-82-1)			х												

Part C - Continu	ied														
1.		2. MARK "X"				EFF	3. LUENT				4. UNITS		INTAK	5. E (optiona	al)
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	Value	b. Maximum 3 Value (if avail	0-Day	c. Long-Term Value (if avail	Avg.	d. No. of	a. Concentration	b. Mass	a. Long-Term Avg		b. No. of Analyses
(if available) GC/MS FRACT	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	
	ION - PESTI	CIDES			T	1			Т			1			Τ
1P. Aldrin (309-00-2)			X												
2P. α-BHC (319-84-6)			Х							:					
3P. β-BHC (58-89-9)			Х	:											
4P. gamma-BHC (58-89-9)			x												
5P. δ-BHC (319-86-8)			X												
6P. Chlordane (57-74-9)			X												
7P. 4,4'-DDT (50-29-3)			x	-											
8P. 4,4'-DDE (72-55-9)			X												
9P. 4,4'-DDD (72-54-8)			X										-		
10P. Dieldrin (60-57-1)			X	-											
11P. α- Endosulfan (115-29-7)		-	x												-
12P. β- Endosulfan (115-29-7)			Х												
13P. Endosulfan Sulfate (1031-07-8)			X												
14P. Endrin (72-20-8)			х												

Part C - Continu	ied														
1.	1	2. MARK "X"				EFF	3. LUENT				4. UNITS		INTAK	5. E (optiona	d)
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily		b. Maximum 3 Value (if avail	0-Day	c. Long-Term Value (if avail	able)	d. No. of	a. Concentration	b. Mass	a. Long-Term Av	g Value	b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	
GC/MS FRACTI	ON – PESTI	CIDES													
15P. Endrin Aldehyde (7421-93-4)			х												
16P Heptachlor (76-44-8)			х												
17P. Heptaclor Epoxide (1024-57-3)			х												
18P. PCB-1242 (53469-21-9)			X												
19P. PCB-1254 (11097-69-1)			X												
20P. PCB-1221 (11104-28-2)			x	,											
21P. PCB-1232 (11141-16-5)			X												
22P. PCB-1248 (12672-29-6)			X			-		-		-	-				
23P. PCB-1260 (11096-82-5)			х						-						
24P. PCB-1016 (12674-11-2)	-		X												
25P. Toxaphene (8001-35-2)			X					4 .							

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. (See instructions)

				2. EFFLUENT	ble. Complete one ta			3. UNI (specify if	TS		. INTAKE (optional)	
1. POLLUTANT	a. Maximun	Daily Value	b. Maximum 3 (if avai		c. Long-Term (if avail:		d. No. of	a. Concentration	b. Mass	a. Long-Term A	vg. Value	b.
	(1) Concentratio	n (2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses		•	(1) Concentration	(2) Mass	No of Analyses
Biochemical Oxygen Demand BOD)											,	
. Chemical Oxygen Demand COD)												
. Total Organic Carbon (TOC)					-							
Total uspended olids (TSS)		1 8.34	N/A	N/A	N/A	N/A	3	PPM	LBS/MG			
Ammonia as N)												
Flow (in units f MGD)	VALUE	0.03	VALUE	N/A	VALUE	N/A			MGD	VALUE		
. Temperature (winter)	VALUE	34 ° F	VALUE		VALUE				°c	VALUE		
Temperature (summer)	VALUE	73 ° F	VALUE		VALUE				°c	VALUE		
рН	MINIMUM 8.3	MAXIMUM 8.3	MINIMUM	MAXIMUM				STAN	DARD UNITS			

Part B - In the MARK "X" column, place an "X" in the <u>Believed Present</u> column for each pollutant you know or have reason to believe is present. Place an "X" in the <u>Believed Absent</u> column for each pollutant you believe to be absent. If you mark the <u>Believed Present</u> column for any pollutant, you must provide the results of at least one analysis for that pollutant. Complete one table for each outfall. See the instructions for additional details and requirements.

1. POLLUTANT		2. K "X"			EF)	3. FLUENT				4. UNITS		INTAK	6. Œ (option	al)
AND CAS NO.	a.	b.	a. Maximum Dai	ily Value	b. Maximum 3 Value (if avai		c. Long-Tern Value (if ava	1 Avg. ilable)	d. No. of	a.	b.	a. Long-Term Value		b. No. of
(if available)	Believed Present	Believed Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses	Concentration	Mass	(1) Concentration	(2) Mass	Analyses
a. Bromide (24959-67-9)		х	-						-					
b. Bromine Total Residual		X												
c. Chloride		x												'
d. Chlorine, Total Residual		Х												
e. Color		Х												
f. Fecal Coliform		x												
g. Fluoride (16984-48-8)		X												
h. Hardness (as CaCO ₃)	. X		200	1670	****					PPM	#/MG			
i. Nitrate – Nitrite (as N)		х	200	1070							MINIO			
j. Nitrogen, Total Organic		·		-										
(as N) k. Oil and Grease		X												
1. Phosphorous (as P), Total 7723-14-0	·	X												
m. Radioactivity		-												
(1) Alpha, Total		Х												
(2) Beta, Total		X									-			
(3) Radium Total		Х				***************************************								
(4) Radium, 226, Total		Х												

Part B - Continu	eď													
1. POLLUTANT		2. K "X"			EF	3. FLUENT				4. UNITS		INTAH	5. Œ (option	(al)
And CAS NO.	a.	b.	a. Maximum Dail	y Value	b. Maximum 3 Value (if avai		c. Long-Tern Value (if ava		d. No. of	a.	b.	a. Long-Term Avg	g. Value	b. No. of
(if available)	Believed Present	Believed Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Amalyses	Concentration	Mass	(1) Concentration	(2) Mass	Analyses
n. Sulfate (as SO ₄) (14808-79-8)	х		224	1870						PPM	#/ M G			
o. Sulfide (as S)		х						÷						
p. Sulfite (as SO ₄) (14286-46-3)		х												
q. Surfactants		x												
r. Aluminum, Total (7429-90)		х												
s. Barium, Total (7440-39-3)		Х												
t. Boron, Total (7440-42-8)		X												
u. Cobalt, Total (7440-48-4)		х												
v. Iron, Total (7439-89-6)	Х		0.46	3.84						PPM	#/MG			
w. Magnesium Total (7439-96-4)	'	X												
x. Molybdenum Total (7439-98-7)		х												
y Manganese, Total (7439-96-6)	х		0.34	2.50						PPM	#/MG	, .		
z. Tin, Total (7440-31-5)		х												
aa. Titanium, Total (7440-32-6)		х												
						•	·				•		•	

Part C – If you are a primary industry and this outfall contains process wastewater, refer to Table C-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in the Testing Required column for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark this column (secondary industries, nonprocess wastewater outfalls, and non-required GC/MS fractions), mark "X" in the Believed Present column for each pollutant you know or have reason to believe is present. Mark "X: in the Believed Absent column for each pollutant you believe to be absent. If you mark either the Testing Required or Believed Present columns for any pollutant, you must provide the result of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Complete one table (all seven pages) for each outfall. See instructions for additional details and requirements.

1.		2. MARK "X"				EFF	3. LUENT				4. UNITS		INTAK	5. E (optiona	
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	Value	b. Maximum 3 Value (if avail		c. Long-Term Value (if avail		d. No. of	a. Concentration	b. Mass	a. Long-Term Av	-	b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	
METALS, CYAN	NIDE AND T	OTAL PHE	NOLS												
1M. Antimony Total									-						
(7440-36-0)			X												
2M. Arsenic, Total (7440-38-2)			X												
3M. Beryllium															
Total (7440-41-7)			X												
4M. Cadmium															
Total															
(7440-43-9)			X												
5M. Chromium															
Total (7440-43-9)			x												
6M. Copper	<u> </u>		^ _												
Total															· ·
(7550-50-8)			X												
7M. Lead Total	-														
(7439-92-1)			X												
8M. Mercury Total (7439-97-6)			x												
9M. Nickel,			- A												
Total													-		
(7440-02-0)			X								<u> </u>				
10M. Selenium, Total (7782-49-2)			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \												
			X							 					
11M. Silver, Total (7440-28-0)	-		x												
(7440-28-0)	l.,		<u> </u>		L	I	L		1		L	L		l	

1.	 	2. MARK "X"					3. LUENT			4. UNITS		INTAK	5. E (optiona	d)	
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	Value	b. Maximum 3 Value (if avail		c. Long-Term Value (if avail	Avg.	d. No. of	a. Concentration	b. Mass	a. Long-Term Avg	y Value	b. No. of
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses	Concentration	Mass	(1) Concentration	(2) Mass	Analyses
METALS, CYAN	IDE AND T	OTAL PHE	NOLS (Con		11,433	Concentration	142433	Concentration	171.455				Concentration	111433	
12M. Thallium,															F
Total															
(7440-28-0)			X												
13M. Zinc, Total															
(7440-66-6)			Х												1
14M. Cyanide,															
Total										1					
(57-12-5)			X												
15M. Phenols, Total															
Total			х												
DIOXIN									J						
2,3,7,8 Tetra-				DESCRIBE RESU	JLTS:										
chlorodibenzo,															-
P, Dioxin (1784-01-6)			Х												
GC/MS FRACTI	ON - VOLA	TILE COM	POUNDS												
	O O.L.		00.100						T				The state of the s		
1V. Acrolein															
(107-02-8)			X												
2V. Acrylonitrile															
(107-13-1)			X			-									
3V. Benzene															
(71-43-2)	_		X					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
5V. Bromoform (75-25-2)			X												
6V. Carbon															-
Tetrachloride															1
(56-23-5)			X												
7V. Chloro-															
benzene (108-90-7)			X										* .		
8V.															-
Chlorodibro-															
momethane															
(124-48-1)			X				L								

Part C - Continued

Part C - Continu	ied														
1.	Ī	2. MARK "X"					3. LUENT				4. UNITS		INTAK	5. E (optiona	1)
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily		b. Maximum 30 Value (if avail		c. Long-Term Value (if avail		d. No. of	a. Concentration	b. Mass	a. Long-Term Av		b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	
9V. Chloroethane (74-00-3)			x												
10V. 2-Chloro- ethylvinyl Ether (110-75-8)			x												
11V. Chloroform (67-66-3)			x												
12V. Dichloro- bromomethane (75-71-8)			X						-						
14V. 1,1- Dichloroethane (75-34-3)			x												
15V. 1,2- Dichloroethane (107-06-2)			x					-			-				
16V. 1,1- Dichlorethylene (75-35-4)		·	х												
17V. 1,2-Di- chloropropane (78-87-5)			x								,				
18V. 1,3- Dichloropro- pylene (452-75-6)	\ \		x												
19V. Ethyl- benzene (100-41-4)	-		X								,				
20V. Methyl Bromide (74-83-9)			X												

Part C - Continu	ed														
1.	. 1	2. MARK "X"				EFF	3. LUENT				4. UNITS		INTAK	5. E (optiona	1)
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	Value	b. Maximum 3 Value (if avail		c. Long-Term Value (if avail	Avg.	d. No. of	a. Concentration	b. Mass	Long-Term Avg	. Value	b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	
21V. Methyl Chloride (74-87-3)			x	-		-									
22V. Methylene Chloride (75-00-2)	-	-	X												
23V. 1,1,2,2- Tetrachloro- ethane (79-34-5)			х												
24V. Tetrachloro- ethylene (127-18-4)			х												
25V. Toluene (108-88-3)			x												
26V. 1,2-Trans- Dichloro- ethylene (156-60-5)			Х												
27V. 1,1,1-Tri- chloroethane (71-55-6)			х												
28V. 1,1,2-Tri- chloroethane (79-00-5)			х												
29V. Trichloro- ethylene (79-01-6)			X												
30V. Vinyl Chloride (75-01-4)			X								·				

Part C - Continu	ed								-						
Lart C - Continu	Lu	2.					3.				4.			5.	
1.		MARK "X"				EFF	LUENT				UNITS			E (optiona	
POLLUTANT												_	a.		b.
And CAS NO.	а.	a.	b.	a.		b. Maximum 3		c. Long-Term		d. No. of	a. Concentration	b. Mass	Long-Term Av	g Value	No. of Analyses
(if available)	Testing Required	Believed Present	Believed Absent	Maximum Daily (1)	(2)	Value (if avail (1)	(2)	Value (if avail	(2)	Analyses	Concentration	Mass	(1)	(2)	Allalyses
(ii availabic)	Required	1 i caciii	Auscin	Concentration	Mass	Concentration	Mass	Concentration	Mass	. xmary oco			Concentration	Mass	
GC/MS FRACTI	ON – ACID	COMPOUN	DS												
1A. 2-Chloro-								:							
phenol			1,,		Ì										
(95-57-8)			X												-
2A. 2,4- Dichlor-															
Orophenol			x												
(120-83-2)			1												
3A.															
2,4-Dimeth-			1									-			1
ylphenol			X		,										
(105-67-9)															
4A. 4,6-Dinitro- o-cresol				-	Ì										1
(534-52-1)			X												
5A. 2,4-Dinitro-			1												
phenol											*				
(51-28-5)			X												
6A. 2-Nitro-															
phenol			37												
(88-75-5) 7A. 4-Nitro-			X							-					
phenol															
(100-02-7)			x			1									
8A. P-chloro-m-															
cresol	_		1								· ·				
(59-50-7)			X		ļ										
9A.															
Pentachloro- phenol			X												
(87-88-5)			Α.												
(3, 55 5)						<u> </u>		-							
10A. Phenol									1	1					
(108-05-2)			X	-											
11A. 2,4,6-Tri-				-								-			
chlorophenol			77								-				
(88-06-2) GC/MS FRACT	ON DACE	NEUTDAT	COMPOUR	inc	L	<u> </u>	L	L	L		J		L		
1B. Acena-	ION - BASE/	NEUIKAL	COMPOU	פער	1	1	I-		I				T	1	\top
phthene						٠.									
(83-32-9)			X												
· · · · · · · · · · · · · · · · · · ·															

Part C - Continu	ed														
1.		2. MARK "X"					3. LUENT	***	,		4. UNITS		INTAK	5. E (optiona	1)
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	Value	b. Maximum 3 Value (if avail		c. Long-Term Value (if avail		d. No. of	a. Concentration	b. Mass	a. Long-Term Avg	y Value	b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses	Concentration	141133	(1) Concentration	(2) Mass	7 mary sees
GC/MS FRACTI	ON - BASE/	NEUTRAL	COMPOUN												
2B. Acena- phtylene (208-96-8)			х												
3B. Anthra- cene (120-12-7)			х												
4B. Benzidine (92-87-5)			X	-											
5B. Benzo(a)- anthracene (56-55-3)			x								·				
6B. Benzo(a)- pyrene (50-32-8)			X												
7B. 3,4-Benzo- fluoranthene (205-99-2)	-		х												
8B. Benzo(ghl) perylene (191-24-2)			х												
9B. Benzo(k)- fluoranthene (207-08-9)			х								·		-		
10B. Bis(2- chlor- oethoxy)- methane (111-91-1)			х					A 1	:						
11B. Bis (2-chlor- oisopropyl)- Ether			x												
12B. Bis (2-ethyl- hexyl)- phthalate (117-81-7)			X												

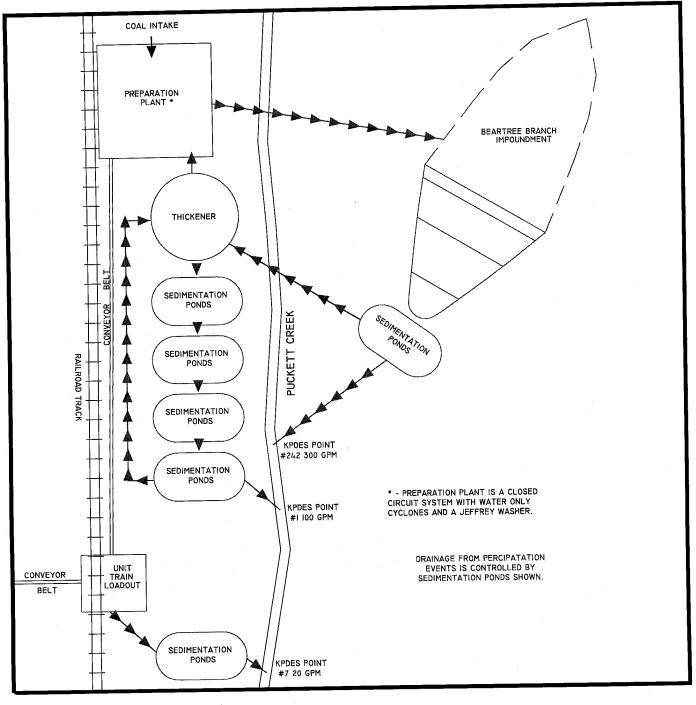
Part C - Continu	ed														
	_	2.					3.				4.			5.	
1. POLLUTANT	f	MARK "X"	1			EFF	LUENT				UNITS			E (optiona	
And CAS NO.	a.	a.	b.	a.		b. Maximum 30)-Day	c. Long-Term	Avo.	d.	· a.	b.	a. Long-Term Av	v Value	b. No. of
	Testing	Believed	Believed	Maximum Daily	Value	Value (if avail		Value (if avail	able)	No. of	Concentration	Mass	Long retained	5	Analyses
(if available)	Required	Present	Absent	(1)	(2)	(1)	(2)	(1)	(2)	Analyses			(1)	(2)	
66056777			001450	Concentration	Mass	Concentration	Mass	Concentration	Mass				Concentration	Mass	L
GC/MS FRACTI 13B, 4-Bromo-	UN – BASE/	NEUTRAL	COMPOUN	DS (Continued)											
phenyl															
Phenyl ether			x												
(101-55-3)															
14B. Butyl-															
benzyl			3,												
phthalate (85-68-7)			X												
15B. 2-Chloro-															
naphthalene											, i				
(7005-72-3)			X												
16B. 4-Chloro-								*							
phenyl phenyl ether			x												
(7005-72-3)			^												
(1003 12 3)					-										
17B. Chrysene															
(218-01-9)			X												
18B. Dibenzo-											-				
(a,h) Anthracene			x												
(53-70-3)			^												l .
19B. 1,2-															
Dichloro-															
benzene (95-50-1)			X												1
20B. 1,3-															
Dichloro-															1
Benzene			X												1
(541-73-1) 21B. 1,4-											-				
Dichloro-															
benzene			X												
(106-46-7)															
22B. 3,3-															
Dichloro- benzidene															
(91-94-1)			X									-			
23B. Diethyl												-			
Phthalate												-			
(84-66-2)			X												-
													·		

Part C - Continu	ıed														
1.]	2. MARK "X"				EFF	3. LUENT				4. UNITS		INTAK	5. E (optiona	n
POLLUTANT And CAS NO.	a. Testing	a. Believed	b.	a.	** 1	b. Maximum 3		c. Long-Term	Avg.	d.	a.	b.	a. Long-Term Avg		b. No. of
(if available)	Required	Present	Absent	Maximum Daily (1) Concentration	(2) Mass	Value (if avail	(2) Mass	Value (if avail (1) Concentration	(2) Mass	No. of Analyses	Concentration	Mass	(1)	(2)	Analyses
GC/MS FRACTI	ON – BASE/	NEUTRAL	COMPOUN	DS (Continued)	IVIASS	Concentration	Mass	Concentration	Mass				Concentration	Mass	
24B. Dimethyl									I						
Phthalate															
(131-11-3)			X												
25B. Di-N- butyl Phthalate		i	1												
(84-74-2)			x												
26B.		-	^									-			
2,4-Dinitro-															
toluene			X												
(121-14-2)															. 1
27B.												-			
2,6-Dinitro-															
toluene		-	X												
(606-20-2) 28B. Di-n-octyl															
Phthalate									·						
(117-84-0)			x												
29B. 1,2-															
diphenyl-		-													
hydrazine (as			x			·									
azonbenzene)															
(122-66-7)		-										·			
30B. Fluoranthene															
(208-44-0)			х												
(208-44-0)			Λ												
31B. Fluorene															
(86-73-7)			X												
32B.															
Hexachloro-															
benzene		-	X												
(118-71-1)															
33B. Hexachloro-	1.														
butadiene			х												1
(87-68-3)			^												
34B.															
Hexachloro-											4				
cyclopenta-			x								Ì				1
diene														1	1
(77-47-4)												ĺ			

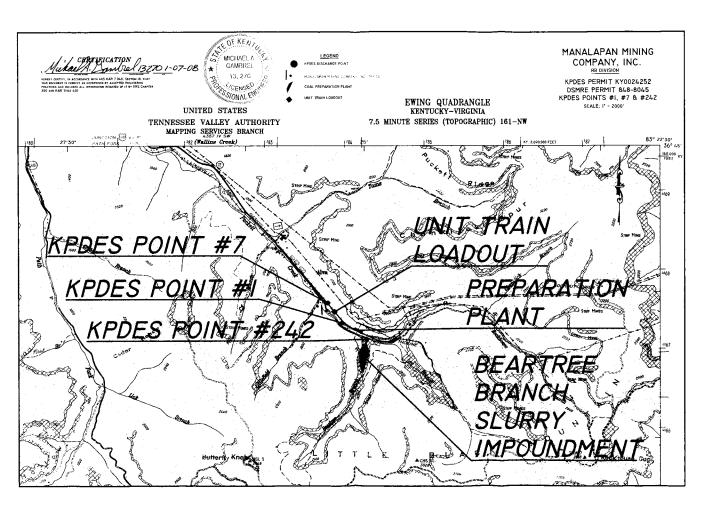
Part C - Continu	ed						-								
		2.			3. EFFLUENT					4.		TN/70 A 171	5. E (optiona		
1. POLLUTANT	P	MARK "X"				EFF	LUENT				UNITS			e (optiona	b.
POLLUTANT								T T		d.	_	ь.	a. Long-Term Avg	Value	No. of
And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	Volue	b. Maximum 30 Value (if avail		c. Long-Term Value (if avail	Avg.	No. of	a. Concentration	Mass	Long-Term Avg	, value	Analyses
(if available)	Required	Present	Absent	(1)	(2)	(1)	(2)	(1)	(2)	Analyses	Concentiation	1111133	(1)	(2)	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
(II available)	Requireu	Tresent	AUSCIII	Concentration	Mass	Concentration	Mass	Concentration	Mass	7 Kikury Ses			Concentration	Mass	
GC/MS FRACTI	ON - BASE/	NEUTRAL.	COMPOUN		114433	Concentration	114433	Concentiation							
35B. Hexachlo-	21.22.	120 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2													
roethane															
(67-72-1)			X												
36B. Indneo-															
(1,2,3-oc)-															
Pyrene			X												
(193-39-5)										L					-
37B.															
Isophorone			37												1.
(78-59-1)			X												
38B.															
Napthalene (91-20-3)			x												
39B.										 					
Nitro-															
benzene			X										i '		
(98-95-3)			1.												
40B. N-Nitroso-															
dimethyl-															
amine			X			1									
(62-75-9)											*************				
41B.															ŀ
N-nitrosodi-n-		ļ							İ	1					
propylamine			X				1								
(621-64-7) 42B. N-nitro-						 				 					
sodiphenyl-							1								
amine			X				l							V 1	
(86-30-6)			^										*		
43B. Phenan-					<u> </u>										
threne									1				}		
(85-01-8)			X				1		1						
44B. Pyrene							1								
(129-00-0)			X												
45B. 1,2,4 Tri-															
chloro-				1					1 .						
benzene			X	1											
(120-82-1)	L								l	1	L		L	İ	

Part C - Continu	ied														
		2.					3.				4.			5.	
1. POLLUTANT	ſ	MARK "X"	· · · · · ·			EFF)	LUENT				UNITS	1	INTAK a.	E (optiona	b.
And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	Value	b. Maximum 30 Value (if avail)-Day able)	c. Long-Term Value (if avail	Avg. able)	d. No. of	a. Concentration	b. Mass	Long-Term Avg	g. Value	No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2)	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	
GC/MS FRACTI	ON – PESTI	CIDES		Concentiation	1.1103	Concentration	11,44,55	Concentration	111433	l			Concentration	111133	
1P. Aldrin (309-00-2)			x	-											
2P. α-BHC (319-84-6)			Х												
3P. β-BHC (58-89-9)			Х												
4P. gamma-BHC (58-89-9)			X												
5P. δ-BHC (319-86-8)			Х												
6P. Chlordane (57-74-9)	,		x						-				-		
7P. 4,4'-DDT (50-29-3)			х												
8P. 4,4'-DDE (72-55-9)			x												
9P. 4,4'-DDD (72-54-8)			x												
10P. Dieldrin (60-57-1)			X	-											·
11P. α- Endosulfan (115-29-7)			x												
12P. β- Endosulfan (115-29-7)			X												
13P. Endosulfan Sulfate (1031-07-8)		-	X												
14P. Endrin (72-20-8)			X												

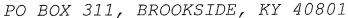
Part C - Continu	ed	2.					3.				4.			5.	
1.	N	MARK "X"				EFF	LUENT				UNITS			E (optiona	
POLLUTANT										d.	a.	ь.	a. Long-Term Avs	Value	b. No. of
And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	Value	b. Maximum 3 Value (if avail		c. Long-Term Value (if avail	Avg. able)	No. of	Concentration	Mass	Dong-Term 12.	, ruiuc	Analyses
(if available)	Required	Present	Absent	(1)	(2)	(1)	(2)	(1)	(2)	Analyses			(1)	(2)	
				Concentration	Mass	Concentration	Mass	Concentration	Mass				Concentration	Mass	
GC/MS FRACTI	ON PESTI	CIDES								г					
15P. Endrin															
Aldehyde (7421-93-4)			X	-											
(7421-93-4)			-												1
16P Heptachlor															
(76-44-8) 17P. Heptaclor			X												
Epoxide											·				
(1024-57-3)			X												
											÷				
18P. PCB-1242 (53469-21-9)			X						·						
(33409-21-9)			-												
19P. PCB-1254															
(11097-69-1)		ļ	X												
20P. PCB-1221			ļ	*											
(11104-28-2)			X									-		<u> </u>	
21D DOD 1222				1.											
21P. PCB-1232 (11141-16-5)			x	-											
22P. PCB-1248			x									ļ			
(12672-29-6)			^		-	<u> </u>						1			
23P. PCB-1260	-										-				
(11096-82-5)			X				<u> </u>					-			-
24P. PCB-1016															
(12674-11-2)		1	x												
												1			1
25P. Toxaphene		1	x												
(8001-35-2)		1	<u> </u>		i			J	L	1			J		



COMPANY:	MANALAPAN MINING COMPANY	, INC.		ADDRESS:	P.O. BOX 311,	BROOKSIDE, KY	40801
COUNTY:	HARLAN	NEAREST STREAM:	PUCKETT CREEK	: 	QUADRANGLE:	EWING	
NPDES NO:	KY0024252	DSMRE NO:	848-8045		OTHER:	N/A	
KPDES POINTS:	: #1	. #7		242			·
NEW		REISSUANCE OF	PERMIT XXX			CONSTRUCTION	
hereby certify, in this document is practices and inc 350 and KAR Titl	accordance of MARIAN CONTROL OF THE	13270 01			CO CO	MANALAPAN MINING MPANY, INC OX 311, BROCKSIDE, KY.	
FILE NAME:	13, 2 : KPDES.D	DATE	12/27/07	-		DRAWN	BY: D. WILSON
	SAMAIA	EV.C.					



MANALAPAN MINING COMPANY, INC.



Fax (606) 837-3773

January 28, 2008

Ms. Vickie L. Prather, Acting Supervisor Inventory and Data Management Section KPDES Branch Division of Water 14 Reilly Road Frankfort, Kentucky 40601

RE: KPDES Permit

No.: KY0024252

Dear Ms. Prather:

Phone (606) 573-1211

Enclosed is a "Renewal" for the above referenced KPDES permit (With Fee). This is a renewal only and no changes are proposed from the original permit.

Please contact me at (606) 573-1211 ext. 29 if you have any questions concerning this renewal.

Respectfully,

Dennis Wilson

Manalapan Mining Company, Inc.



STEVEN L. BESHEAR GOVERNOR

ENVIRONMENTAL AND PUBLIC PROTECTION CABINET

ROBERT D. VANCE SECRETARY

DEPARTMENT FOR ENVIRONMENTAL PROTECTION
DIVISION OF WATER
14 REILLY ROAD
FRANKFORT, KENTUCKY 40601
www.kentucky.gov

December 27, 2007

Mr. Duane H. Bennett Manalapan Mining Company, Incorporated P.O. Box 311 Brookside, Kentucky 40801 JAN 1 6 2008 SECOND NOTICE

RE: KPDES No. KY0024252 Manalapan Mining Company, Incorporated Harlan County, Kentucky

Dear Mr. Bennett:

Our records indicate that your Kentucky Pollutant Discharge Elimination System (KPDES) permit is due to expire on July 31, 2008. According to the KPDES Regulation 401 KAR 5:060, "any person with a currently effective permit shall submit a new application at least 180 days before the expiration of the existing permit..." The due date for your permit renewal application is January 31, 2008.

Please complete the enclosed application forms and return to the KPDES Branch, Division of Water, at the above address by the indicated due date. Applications received after the due date are in violation of 401 KAR 5:060, Section 1, which could result in enforcement action being taken.

If you have any questions regarding the completion of these forms, please contact me at (502) 564-8158, extension 470, or Ann Workman at extension 528.

Sincerely,

Vickie L. Prather, Acting Supervisor Inventory and Data Management Section

KPDES Branch
Division of Water

VLP:ASW:asw

Enclosures

C: London Regional Office Division of Water Files

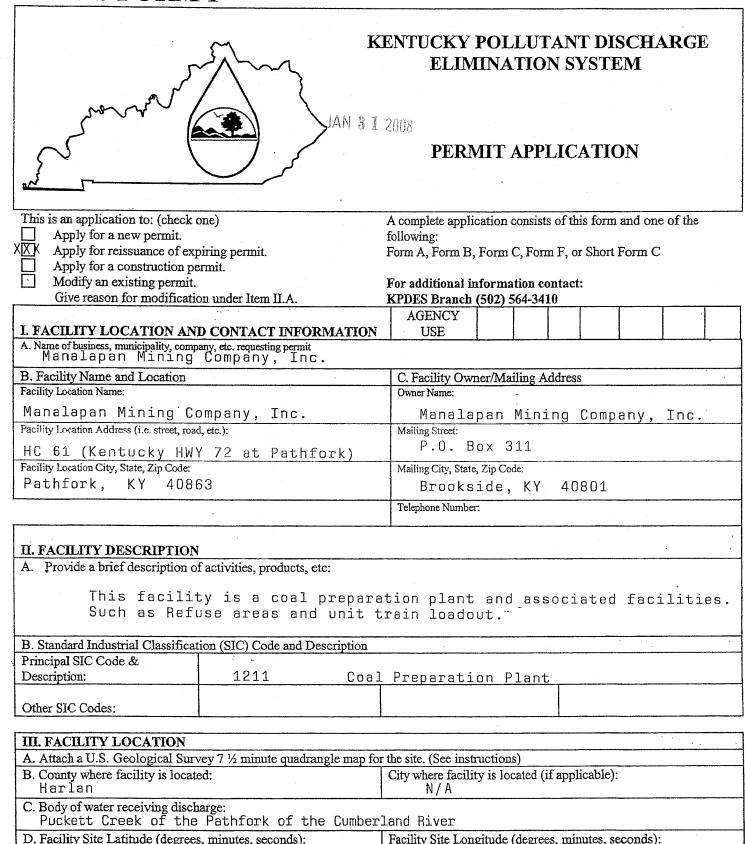


KPDES FORM 1

.36-44-13

E. Method used to obtain latitude & longitude (see instructions):

F. Facility Dun and Bradstreet Number (DUNS #) (if applicable):



Facility Site Longitude (degrees, minutes, seconds):

83-25-54

Topo Map

N/A

IV. OWNER/OPERATOR INFORMAT	ION						
A. Type of Ownership:							
Publicly Owned Privately Own	ied 🗌 State Owned 🗌	Both Public and Priv	rate Owned Federally owned				
B. Operator Contact Information (See inst	ructions)						
Name of Treatment Plant Operator:		Telephone Number:					
Earl Goins		606-664-3861					
Operator Mailing Address (Street):							
HC 61 KY HWY 72 at Pathforl							
Operator Mailing Address (City, State, Zip Code): Pathfork, Kentucky 40863							
Is the operator also the owner?		Is the operator certified?	If yes, list certification class and number below.				
Yes No No		Yes No					
Certification Class:		Certification Number:					
N/A Prep. Plant Only							
V. EXISTING ENVIRONMENTAL PE	RMITS						
Current NPDES Number:	Issue Date of Current Pern	nit:	Expiration Date of Current Permit:				
KY0024252	12/01/04	· · · · · · · · · · · · · · · · · · ·	7/31/08				
Number of Times Permit Reissued:	Date of Original Permit Iss	suance:	Sludge Disposal Permit Number:				
4	10/24/84		N/A				
Kentucky DOW Operational Permit #:	Kentucky DSMRE Permit	Number(s):	IVIT				
Translating 2017 Operational Comments		. (4					
N/A	848-8045						
C. Which of the following additional environments	onmental permit/registra	tion categories will als					
CATEGORY	EXISTING PER	MIT WITH NO.	PERMIT NEEDED WITH PLANNED APPLICATION DATE				
Air Emission Source	S-01-007	****					
Solid or Special Waste	N/A						
Hazardous Waste - Registration or Permit	n/A						
VI. DISCHARGE MONITORING REP	ORTS (DMRs)						
	ves to specifically identi		regular schedule (as defined by the KPDES ice or individual you designate as responsible				
A. Name of department, office or official s	ubmitting DMRs:	MANALAPAN MIN	NING COMPANY, INC.				
B. Address where DMR forms are to be ser	nt. (Complete only if add	ress is different from 1	nailing address in Section I.)				
DMR Mailing Name:	MANALAPAN MININ	IG COMPANY, INC.					
DMR Mailing Street:	PO BOX 311						
DMR Mailing City, State, Zip Code:	BROOKSIDE, KENTU	JCKY 40801					
DMR Official Telephone Number:	606-573-1211						

VII	APPT	TCA	TION	FII	INC	FFF

KPDES regulations require that a permit applicant pay an application filing fee equal to twenty percent of the permit base fee. Please examine the base and filing fees listed below and in the Form 1 instructions and enclose a check payable to "Kentucky State Treasurer" for the appropriate amount. Descriptions of the base fee amounts are given in the "General Instructions."

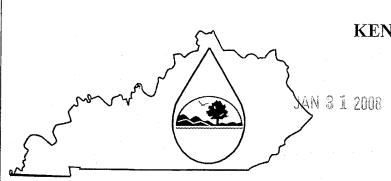
Facility Fee Category:	Filing Fee Enclosed:
Surface Mining Operation	240.00

VIII. CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME AND OFFICIAL TITLE (type or print):	TELEPHONE NUMBER (area code and number):
Benjamin R. Bennett, President	606-573-1211
SIGNATURE	DATE:
Bejan RB	1-29-08

KPDES FORM C



KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM

PERMIT APPLICATION

A complete application consists of this form and Form 1. For additional information, contact KPDES Branch, (502) 564-3410.

Name of Facility: Manalapan Mining Company, Inc	County: Harlan
	AGENCY
I. OUTFALL LOCATION	USE

For each outfall list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

Outfall No.		LATITUDE			LONGITUDI	3		
(list)	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	RECEIVING WATER (name)	
1	36	43	48	83	25	12	Puckett Cryek	
7	36	44	28	83	25	20	Puckett Creek	
242	36	43	-39	83	24	59	Puckett Creek	

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

- A. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfall. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.
- B. For each outfall, provide a description of: (1) all operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) the average flow contributed by each operation; and (3) the treatment received by the wastewater. Continue on additional sheets if necessary.

OUTFALL NO.	OPERATION(S) CONTR	IBUTING FLOW	TREATM	ENT
(list)	Operation (list)	Avg/Design Flow (include units)	Description	List Codes from Table C-1
1	Preparation Plant	100	Sedimentation Pond	I-U
7	Unit Train Loadout	20	Sedimentation Pond	I-U
242	Slurry Impoundment	300	Sedimentation Pond	I-U

II. FLOWS	S, SOUR	CES OF POI	LLUTION, A	AND TREA	ATMENT TEC	CHNOLOGIE	S (Continued)		
C. Except for	· storm v	vater runoff, le	aks, or spills	s, are any of	f the discharges	described in Ite	ems II-A or B ii	ntermittent or se	asonal?
	Yes	(Complete the	e following to	able.)		No (Go	to Section III.)		
OUTFALL	OP	ERATIONS	FREQU	JENCY			FLOW		
NUMBER		TRIBUTING FLOW	Days Per Week	Months Per	Flow (in n	Rate ngd)	Total	volume vith units)	Duration (in days)
(list)		(list)	(specify average)	Year (specify average)	Long-Term Average	Maximum Daily	Long-Term Average	Maximum Daily	
			·						
					,				
III. MAXIM	IUM PI	RODUCTION							
A. Does an e	effluent į	guideline limit	ation promul	lgated by El	PA under Section	on 304 of the C	lean Water Act	apply to your fa	cility?
\boxtimes	Yes	(Complete Ite	m III-B) Lis	t effluent gu	uideline categor	y:			
	No	(Go to Section	IV)						
B. Are the li	mitation	s in the applic	able effluent	guideline e	expressed in terr	ns of productic	on (or other mea	sures of operati	on)?
		(Complete Ite			No (Go to S	•		·	, -
 	1 05	(Complete Ite	m m c)	KJ.	140 (00 10 5	cetion i v)			
							al measurement and indicate the		
			MAXIMUN	M OUANT	ITY	, ,		Affected O	utfalls
Quantity Per	r Day	Units of 1			peration, Prod	uct, Material, ecify)	Etc.	(list outfall n	1
					-				
IV. IMPRO	MEME	NITC							
			, fodoral at	ento or look	al authority to		.1	Ladula Cara da	
upgrading discharge	g, or op es descri	peration of wa bed in this ap	astewater eq plication? T	uipment or his include	practices or a s, but is not lin	any other envi	olementation sc ronmental prog it conditions, a	grams which m dministrative or	ay affect the
orders, en	norceme	ent compliance	schedule let	tters, stipula	ations, court ord	ers and grant o	r loan condition	ns.	
	Yes	(Complete the	following to	able)	⊠ No	(Go to Item IV	'-B)		
IDENTIFICAT AGREE	ION OF C		AFFEC	TED OUTFA	LLS BR	IEF DESCRIPTI	ON OF PROJECT	FINAL COM	IPLIANCE DATI
			No.	Source of Di		***************************************		Required	Projected
			1		l			1	i

B. OPTIONAL: You may attach additional sheets describing any additional water pollution control programs (or other environmental projects which may affect your discharges) you now have under way or which you plan. Indicate whether each program is now under way or planned, and indicate your actual or planned schedules for construction.

V.	INTAKE AND EFFLUEN	T CHARACTERISTICS		
Α, Ί	space provided		ne set of tables for each outfall – Ar on separate sheets numbered 5-18.	notate the outfall number in the
D.	which you know or have rea	son to believe is discharged or may	A Title III, Section 313) listed in Ta y be discharged from any outfall. For port any analytical data in your poss	r every pollutant you list,
	POLLUTANT	SOURCE	POLLUTANT	SOURCE
		<u> </u>		
VI.	POTENTIAL DISCHAR	GES NOT COVERED BY ANAI	VSIS	
V X.	TOTENTIAL DISCHARG	JESTOT COVERED DI ANAI		
A.		n V-C a substance or a component is as an immediate or final product	of a substance which you use or proor byproduct?	oduce, or expect to use or
	Yes (List all su	rch pollutants below)	No (Go to Item VI-B))
В.			products can reasonably be expected times the maximum values reported	
	Yes (Complete	e Item VI-C) No ((Go to Item VII)	
C.	If you answered "Yes" to Ite expected levels of such pollu additional sheets if you need	stants which you anticipate will be	be in detail to the best of your abilit discharged from each outfall over t	y at this time the sources and he next 5 years. Continue on

VII. BIOLOGICAL TOXICI	TY TESTING DATA			
Do you have any knowledge of or of your discharges or on a receive	r reason to believe that any biologic ing water in relation to your dischar	cal test for acute or ge within the last 3	chronic tox years?	icity has been made on any
Yes (Identify the	ne test(s) and describe their purpose	s below)		No (Go to Section VIII)
and the state of t				
VIII. CONTRACT ANALYS	IS INFORMATION			
		. 1 1	1 6"	
Were any of the analyses reported	d in Item V performed by a contrac	t laboratory or cons	ulting firm'	!
	me, address, and telephone number by each such laboratory or firm bel			No (Go to
NAME	ADDRESS	TELEPH		POLLUTANTS
		(Area code &	number)	ANALYZED (list)
IX. CERTIFICATION		, ,		
				er my direction or supervision in evaluate the information submitted.
Based on my inquiry of the pe	erson or persons who manage the	system, or those	persons di	rectly responsible for gathering the
that there are significant pena	lbmitted is, to the best of my ki lities for submitting false inform	nowledge and beli- lation, including the	er, true, ac he possibil	ccurate, and complete. I am aware lity of fine and imprisonment for
knowing violations.	_			
NAME AND OFFICIAL TITLE	(type or print):			IBER (area code and number):
Benjamin R. Bennett, President		(606) 57	3 - 1211	
SIGNATURE (2 —	DATE		
F	.)	1 2 20 00		

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. (See instructions)

V. INTAKE AND	EFFLUENT C	HARACTERIST	TICS (Continued	from page 3 of Fo	orm C)						OUTFALL NO.	1	
Part A – You must	provide the resu	Its of at least one	analysis for every	pollutant in this ta	ible. Complet	e one tab	le for each outf	all. See instruction	s for additional deta				
				2. EFFLUENT					3. UNI (specify if			. INTAKE (optional)	
1. POLLUTANT	a. Maximun	n Daily Value	b. Maximum (if ava	30-Day Value ilable)		-Term A if availa	vg. Value ble)	d. No. of	a. Concentration	b. Mass	a. Long-Term	vg. Value	b.
	(1) Concentratio	n (2) n Mass	(1) Concentration	(2) Mass	(1) Concentr	ation	(2) Mass	Analyses			(1) Concentration	(2) Mass	No of Analyses
a. Biochemical Oxygen Demand (BOD)							,						
b. Chemical Oxygen Demand (COD)							The second of th						
c. Total Organic Carbon (TOC)							ī						
d. Total Suspended Solids (TSS)		0 0	N/A	N/A		N/A	N/A	3	PPM	LBS/MG			
e. Ammonia (as N)							,	:					
f. Flow (in units of MGD)	VALUE	0.004	VALUE		VALUE	-	ž. Š.			MGD	VALUE		
g. Temperature (winter)	VALUE	34 ° F	VALUE		VALUE				-	°c	VALUE		
h. Temperature (summer)	VALUE 73 ° F VALUE				VALUE					°c	VALUE		
i. pH	MINIMUM 7.8	MAXIMUM					STAN	DARD UNITS					

Part B - In the MARK "X" column, place an "X" in the <u>Believed Present</u> column for each pollutant you know or have reason to believe is present. Place an "X" in the <u>Believed Absent</u> column for each pollutant you believe to be absent. If you mark the <u>Believed Present</u> column for any pollutant, you must provide the results of at least one analysis for that pollutant. Complete one table for each outfall. See the instructions for additional details and requirements.

requirements.														
1. POLLUTANT	MAR	l. K "X"			EF	3. FLUENT				4. UNITS		INTAK	6. Œ (option	al)
AND CAS NO.	a.	b.	a. Maximum Da	ily Value	b. Maximum 3 Value (if avai		c. Long-Tern Value (if ava		d. No. of	a.	b.	a. Long-Term Value	Avg	b. No. of
(if available)	Believed Present	Believed Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses	Concentration	Mass	(1) Concentration	(2) Mass	Analyses
a. Bromide (24959-67-9)		х												
b. Bromine Total Residual		Х												
c. Chloride		x											-	
d. Chlorine, Total Residual		х												
e. Color		х		.'										
f. Fecal Coliform		Х												
g. Fluoride (16984-48-8)		Х												
h. Hardness (as CaCO ₃)	х		140	1169						PPM	#/MG			
i. Nitrate - Nitrite (as N)		X												
j. Nitrogen, Total Organic (as N)		X		·					·					
k. Oil and Grease		X												
1. Phosphorous (as P), Total 7723-14-0		X												
m. Radioactivity														
(1) Alpha, Total		х												
(2) Beta, Total		X												
(3) Radium Total		х												
(4) Radium, 226, Total		Х												

Part B - Continu	ed													
1. POLLUTANT		2. K "X"				3. FLUENT				4. UNITS		INTAK	5. Œ (option	
And CAS NO.	a.	b.	a. Maximum Dail		b. Maximum 3 Value (if avai	lable)	c. Long-Tern Value (if ava	ilable)	d. No. of	a.	b.	a. Long-Term Avg		b. No. of
(if available)	Believed Present	Believed Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses	Concentration	Mass	(1) Concentration	(2) Mass	Analyses
n. Sulfate (as SO ₄) (14808-79-8)	х		224	1870						РРМ	#/MG			
o. Sulfide (as S)		X												
p. Sulfite (as SO ₄) (14286-46-3)		х												
q. Surfactants		х									-			
r. Aluminum, Total (7429-90)		х												
s. Barium, Total (7440-39-3)		х												
t. Boron, Total (7440-42-8)		х												
u. Cobalt, Total (7440-48-4)		х												
v. Iron, Total (7439-89-6)	x		0.26	2.17						PPM	#/MG			
w. Magnesium Total (7439-96-4)		х												· · · · · · · · · · · · · · · · · · ·
x. Molybdenum Total (7439-98-7)		х												
y. Manganese, Total (7439-96-6)	х		0.20	1.67						PPM	#/MG			
z. Tin, Total (7440-31-5)		х												
aa. Titanium, Total (7440-32-6)		х												

Part C – If you are a primary industry and this outfall contains process wastewater, refer to Table C-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in the Testing Required column for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark this column (secondary industries, nonprocess wastewater outfalls, and non-required GC/MS fractions), mark "X" in the Believed Present column for each pollutant you know or have reason to believe is present. Mark "X: in the Believed Absent column for each pollutant you believe to be absent. If you mark either the Testing Required or Believed Present columns for any pollutant, you must provide the result of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Complete one table (all seven pages) for each outfall. See instructions for additional details and requirements.

1.	ľ	2. MARK "X"					3. LUENT				4. UNITS		INTAK	5. E (optiona	
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	Value	b. Maximum 3 Value (if avail		c. Long-Term Value (if avail	Avg. able)	d. No. of	a. Concentration	b. Mass	a. Long-Term Av		b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	-
METALS, CYAN	IDE AND T	OTAL PHE	NOLS												
1M. Antimony															
Total (7440-36-0)			x										·		
2M. Arsenic,															
Total															
(7440-38-2)			X												
3M. Beryllium															
Total (7440-41-7)			x												
4M. Cadmium			^												
Total															
(7440-43-9)			X												
5M. Chromium															
Total (7440-43-9)			х												
6M. Copper															
Total															
(7550-50-8)			X												ļ
7M. Lead															
Total (7439-92-1)			Х												
8M. Mercury															-
Total															l i
(7439-97-6)			X							ļ					
9M. Nickel, Total															1
(7440-02-0)			х					·							
10M. Selenium,															
Total															
(7782-49-2)			X						ļ ·						<u> </u>
11M. Silver, Total	•													-	
(7440-28-0)			х												
				· ,	·		*								

Pa	irt	C	_	C	n	ti	n	u	e

		2.					3.				4.			5.	
1.	1	MARK "X"				EFF	LUENT				UNITS			E (optiona	<u>D</u>
POLLUTANT And CAS NO.	a.	a. Believed	b. Believed	a. Maximum Daily	Value	b. Maximum 3 Value (if avail		c. Long-Term Value (if avail		d. No. of	a. Concentration	b. Mass	a. Long-Term Avg	y Value	b. No. of
(if available)	Testing Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	Analyses
METALS, CYAN	NIDE AND T	OTAL PHE	NOLS (Con				<u> </u>								
12M. Thallium,	THE FRING I		1020 (00												
Total															
(7440-28-0)			X												
13M. Zinc, Total				·											
(7440-66-6)			X												
14M. Cyanide, Total															
(57-12-5)			Х												
15M. Phenols, Total															
Total			Х						<u> </u>			L			
DIOXIN															
2,3,7,8 Tetra-				DESCRIBE RES	ULTS:										
chlorodibenzo,			X												
P, Dioxin (1784-01-6)			^												
GC/MS FRACTI	ION - VOLA	TILE COM	POUNDS							1					
1V. Acrolein			x												
(107-02-8) 2V.		ļ	^												
Acrylonitrile															
(107-13-1)			X						ļ			-			-
3V. Benzene														1	
(71-43-2)			X			 		l	 	 					
5V. Bromoform (75-25-2)			х				ļ		ļ						
6V. Carbon					ĺ										-
Tetrachloride (56-23-5)			x				'								
7V. Chloro-			1		-										
benzene					İ		1				1				
(108-90-7)			X					-	-				-		+
8V. Chlorodibro-													-		
momethane (124-48-1)			х								1		1		
(124-40-1)	L		1.^												

Part C - Continu	ea						3.				4.			5.	
,		2.				EFF	J. LUENT			-	UNITS		INTAK	E (optiona	o a
1.		MARK "X"				EFF	LUENT				CITIE		a.	<u>o (optioiii</u>	b.
POLLUTANT						b, Maximum 3	0 Day	c. Long-Term	Aver	ď.	a.	b.	Long-Term Avg	Value	No. of
And CAS NO.	a.	a.	b.	a. Maximum Daily	. 37-1	Value (if avail		Value (if avail	able)	No. of	Concentration	Mass	Dong renaring	, initiae	Analyses
	Testing	Believed	Believed							Analyses	Concentiation	174433	(1)	(2)	
(if available)	Required	Present	Absent	(1)	(2)	(1)	(2)	(1) Concentration	(2) Mass	Analyses			Concentration	Mass	
				Concentration	Mass	Concentration	Mass	Concentration	Mass				Concentration	11,211,00	
9V.															
Chloroethane															
(74-00-3)			X												
10V. 2-Chloro-															
ethylvinyl Ether															
(110-75-8)			Х												
11V.				-									· .		1
Chloroform															
(67-66-3)			X												
12V. Dichloro-															1
bromomethane															
(75-71-8)			X												
14V. 1,1-															
Dichloroethane										1					
(75-34-3)			X												ļ
15V. 1,2-															1
Dichloroethane					,										
(107-06-2)			X												
16V. 1,1-									ŀ						
Dichlorethylene			}												
(75-35-4)			X				L								
17V. 1,2-Di-											· .	1			
chloropropane															1
(78-87-5)			X				ļ								
18V. 1,3-															
Dichloropro-		1								1					
pylene		1	X						1						
(452-75-6)							ļ								
19V. Ethyl-		1										1			
benzene	-				1			1		1		1	1		1 1
(100-41-4)			X										ļ		-
20V. Methyl		-	1					1		1					
Bromide			1												
(74-83-9)	L	l	X	l	<u></u>	L	L	·	J	L		L	J	L	
l .															

Part C - Continu	ed														
		2.					3.				4.		TAITE A TO	5.	n]
1. POLLUTANT	I	MARK "X"				EFF.	LUENT			<u> </u>	UNITS		a.	E (optiona	b.
And CAS NO.	a.	a.	b.	a. Maximum Daily	V-l	b. Maximum 3 Value (if avail		c. Long-Term Value (if avail		d. No. of	a. Concentration	b. Mass	Long-Term Avg	. Value	No. of Analyses
(if available)	Testing Required	Believed Present	Believed Absent	(1)	(2)	(1)	(2)	(1)	(2)	Analyses	Concentration	Mass	(1)	(2)	Anaryses
				Concentration	Mass	Concentration	Mass	Concentration	Mass				Concentration	Mass	
21V. Methyl			-												
Chloride (74-87-3)			х			!									
22V. Methylene															
Chloride (75-00-2)			x			*									
23V. 1,1,2,2-															
Tetrachloro- ethane			x												
(79-34-5)			^												
24V.															
Tetrachloro- ethylene			х												
(127-18-4)			Λ												
25V. Toluene															
(108-88-3)			х												
26V. 1,2-Trans-						Walter Walter Control of the Control									
Dichloro- ethylene			х	,											
(156-60-5)			Λ.												
27V. 1,1,1-Tri- chloroethane															
(71-55-6)			х	·								- '			
28V. 1,1,2-Tri-															
chloroethane (79-00-5)			x												
29V. Trichloro-															
ethylene			х		٠										
(79-01-6) 30V. Vinyl			Α												
Chloride															
(75-01-4)		L	X					<u> </u>	l	L		L			L

Part C - Continu	red						·····								
		2.					3.				4.			5.	
1. POLLUTANT	· 1	MARK "X"				EFF	LUENT				UNITS	<u> </u>	INTAK a.	E (optiona	b.
And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	Value	b. Maximum 3 Value (if avai		c. Long-Term Value (if avail		d. No. of	a. Concentration	b. Mass	Long-Term Avg	y Value	No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses	Concenti ation	111433	(1) Concentration	(2) Mass	Zitaryses
GC/MS FRACTI	ON - ACID	COMPOUN	DS				1 1 2 1 0 0		1.2000						
1A. 2-Chloro-															
phenol (95-57-8)			х												
2A. 2,4-															
Dichlor- Orophenol			х												
(120-83-2)			^												-
3A.															
2,4-Dimeth-															
ylphenol			Х												
(105-67-9) 4A. 4,6-Dinitro-															
o-cresol							i				-				
(534-52-1)			Х												
5A. 2,4-Dinitro-															
phenol															
(51-28-5) 6A. 2-Nitro-			Х												
phenol					'										
(88-75-5)			X						-						
7A. 4-Nitro-															
phenol (100-02-7)			х												1
8A. P-chloro-m-			^				-								
cresol															
(59-50-7)			X	,											
9A. Pentachloro-															
phenol			x												
(87-88-5)													·		
10A. Phenol			,,		!										
(108-05-2) 11A. 2,4,6-Tri-			Х												
chlorophenol															
(88-06-2)			Х												
GC/MS FRACTI	ON - BASE/	NEUTRAL	COMPOUN	DS											
1B. Acena-															
phthene (83-32-9)			х												
(83-32-9)						L	L		L	L	L	L	L		

Part C - Continu	red														
	2. MARK "X"			3.							4.		5.		
1. POLLUTANT			T	EFFLUENT							UNITS		INTAKE (optional) a. b.		
And CAS NO.	a.	a. Believed Present	b. Believed Absent	а.		b. Maximum 30-Day		c. Long-Term Avg.		d. No. of Analyses	a. Concentration	b. Mass	Long-Term Avg Value		No. of
(if available)	Testing Required			Maximum Daily Value (1) (2)		Value (if available) (1) (2)		Value (if available) (1) (2)					(1)	(2)	Analyses
,	,			Concentration	Mass	Concentration	Mass	Concentration	Mass	Zinaryses			Concentration	Mass	
GC/MS FRACTI	ON - BASE/	NEUTRAL	COMPOUN	DS (Continued)											
2B. Acena-															
phtylene (208-96-8)			х												
3B. Anthra-															
cene (120-12-7)			X.					*				-			
4B.															
Benzidine (92-87-5)			X												
5B. Benzo(a)-															
anthracene (56-55-3)			x												
6B. Benzo(a)-															
pyrene															
(50-32-8)			X							-					
7B. 3,4-Benzo- fluoranthene											,				
(205-99-2)			x												
8B. Benzo(ghl)			7.												
perylene															
(191-24-2)			X												
9B. Benzo(k)- fluoranthene															
(207-08-9)			х												
10B. Bis(2-															
chlor- oethoxy)-			x												
methane			^										-		
(111-91-1)															
11B. Bis															
(2-chlor- oisopropyl)-			x												
Ether			^									,			
12B. Bis				***************************************											
(2-ethyl- hexyl)-			х												
phthalate			^												
(117-81-7)															

Part C - Continu														-	
rari C - Continu	lea	2.		·			2			***************************************	r				
1.	١,	Z. MARK "X"				FFF	3. LUENT				4. UNITS			5.	
POLLUTANT		1	T			LFF	LUEIVI			Т	UNITS			E (optiona	
And CAS NO.	a.	a.	b.	a.		b. Maximum 3	0_Day	c. Long-Term	Ava	d.	a.	b.	a. Long-Term Av	- 37-1	b. No. of
	Testing	Believed	Believed	Maximum Daily	Value	Value (if avail		Value (if avail		No. of	Concentration	Mass	Long-Term Av	g value	Analyses
(if available)	Required	Present	Absent	(1)	(2)	(1)	(2)	(1)	(2)	Analyses	Concentration	111433	(1)	(2)	Allalyses
		ł	1	Concentration	Mass	Concentration	Mass	Concentration	Mass	- American			Concentration	Mass	
GC/MS FRACTI	ON - BASE/	NEUTRAL	COMPOUN	DS (Continued)									0011011111111111111		<u> </u>
13B. 4-Bromo-										T					
phenyl		1													
Phenyl ether			X												
(101-55-3)															
14B. Butyl-		l													
benzyl															
phthalate (85-68-7)			X												
(85-68-7) 15B. 2-Chloro-															
naphthalene															
(7005-72-3)			x												
16B. 4-Chloro-															
phenyl										-					
phenyl ether			x					1							
(7005-72-3)			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \										·		
17B. Chrysene															İ
(218-01-9)			X												
18B. Dibenzo-															
(a,h) Anthracene															
(53-70-3)			Х				-								
19B. 1,2-															
Dichloro-						· ·				- 1					
benzene			х												
(95-50-1)				ĺ											
20B. 1,3-															
Dichloro-								ļ	.						
Benzene	1		Х	ĺ											
(541-73-1)															
21B. 1,4- Dichloro-			İ	ļ	1		Ì								
benzene	I		.,		l										
(106-46-7)	1		Х												
22B. 3.3-															
Dichloro-					1	į									
benzidene		}	х		İ	ĺ	ĺ								
(91-94-1)															İ
23B. Diethyl															
Phthalate												}			
(84-66-2)			x						-	1					
				····											

D 10 0 0															
Part C - Continu	ed						3.				4.			5.	
1.	ī	2. MARK "X"				EFF	LUENT				UNITS			E (optiona	
POLLUTANT													a.		b.
And CAS NO.	a.	a.	b.	a.		b. Maximum 3		c. Long-Term		d.	a.	b.	Long-Term Avg	. Value	No. of
	Testing	Believed	Believed	Maximum Daily		Value (if avai		Value (if avail		No. of	Concentration	Mass	(1)	(2)	Analyses
(if available)	Required	Present	Absent	(1)	(2)	(1)	(2)	(1)	(2)	Analyses			(1)	(2)	
			<u> </u>	Concentration	Mass	Concentration	Mass	Concentration	Mass	<u> </u>			Concentration	Mass	L
GC/MS FRACTI	ON - BASE/	NEUTRAL	COMPOUN	DS (Continued)	,		,								
24B. Dimethyl															
Phthalate			l												
(131-11-3)			X												
25B. Di-N-											,				
butyl Phthalate (84-74-2)			x						E						1
26B.			-^				 		-						
2,4-Dinitro-															
toluene			x		1]
(121-14-2)			1.												
27B.															1
2,6-Dinitro-		}			l										
toluene			X												
(606-20-2)															
28B. Di-n-octyl			ĺ												1
Phthalate		1					1								1
(117-84-0)		ļ	X												-
29B. 1,2-															
diphenyl-			x												
hydrazine (as azonbenzene)	-	1	^												
(122-66-7)		1													
30B.															
Fluoranthene		l													
(208-44-0)			X												
					l										
31B. Fluorene		l	l												
(86-73-7)	,		X				<u> </u>								-
32B. Hexachloro-								1							
hexachloro- benzene			x												
(118-71-1)			^												
33B.		 													
Hexachloro-											1				
butadiene			X								1				
(87-68-3)															-
34B.							1								
Hexachloro-							1.								
cyclopenta-			X												
diene								1							
(77-47-4)	L	<u> </u>	1	L		I	1	J	1	1	1	<u> </u>			

Part C - Continu	ed														
		2. MARK "X"					3. LUENT				4. UNITS		INTAKI	5. E (optiona	D
1. POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	Value	b. Maximum 3 Value (if avail	0-Day	c. Long-Term Value (if avail	Avg. able)	d. No. of	a. Concentration	b. Mass	a. Long-Term Avg	Value .	b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	
GC/MS FRACTI	ON - BASE/	NEUTRAL	COMPOUN	DS (Continued)											
35B. Hexachio-															
roethane (67-72-1)		·	x												
36B. Indneo-															
(1,2,3-oc)- Pyrene			x												
(193-39-5)			^												
37B.															
Isophorone (78-59-1)			x												ŀ
38B.			1												
Napthalene															
(91-20-3)			X												
39B.															
Nitro-			l												
benzene (98-95-3)			X												
40B. N-Nitroso-															
dimethyl-							1								
amine			X				Ì			1					
(62-75-9)															
41B.															
N-nitrosodi-n- propylamine			x												
(621-64-7)			^												
42B. N-nitro-	L												-		
sodiphenyl-									ļ				•		·
amine			X							-					
(86-30-6)										-					
43B. Phenan- threne									1						ļ
(85-01-8)			X												
(03 01 0)															
44B. Pyrene (129-00-0)			x												
45B. 1,2,4 Tri-															
chloro-															
benzene (120-82-1)			X				<u> </u>							-	

Part C - Continu	ied														
1		2. MARK "X"				666	3. LUENT				4. UNITS		INTAK	5. E (optiona	in:
1. POLLUTANT		VIARK A				113	LUEIVI				UNIS		a.	e (optiona	b.
And CAS NO.	a.	a.	b.	a.	37-1	b. Maximum 3		c. Long-Term Value (if avail	Avg.	d.	a. Concentration	b.	Long-Term Avg	. Value	No. of Analyses
(if available)	Testing Required	Believed Present	Believed Absent	Maximum Daily (1)	(2)	Value (if avai	(2)	(1)	(2)	No. of Analyses	Concentration	Mass	(1)	(2)	Analyses
				Concentration	Mass	Concentration	Mass	Concentration	Mass				Concentration	Mass	
GC/MS FRACTI	ON – PESTI	CIDES	l						·	I					
1P. Aldrin (309-00-2)			х								*.				
2P. α-BHC (319-84-6)			x												
3P. β-BHC (58-89-9)			х	-											
4P. gamma-BHC (58-89-9)			x												
5P. δ-BHC (319-86-8)			X												
6P. Chlordane (57-74-9)			х												
7P. 4,4'-DDT (50-29-3)			x								-				
8P. 4,4'-DDE (72-55-9)			x												
9P. 4,4'-DDD (72-54-8)			X												
10P. Dieldrin (60-57-1)			х												
11P. α- Endosulfan (115-29-7)			х												
12P. β- Endosulfan (115-29-7)			x											-	
13P. Endosulfan Sulfate (1031-07-8)			х				Transaction of the State of the								
14P. Endrin (72-20-8)			х												

Part C - Continu	ed												-		
		2.					3.				4.	-	5		
1. POLLUTANT	N	MARK "X"				EFF	LUENT				UNITS		INTAKE	(optional	
And CAS NO.	a.	a.	b.	a.		b. Maximum 30	Dov	c. Long-Term	Aver	ď.	a.	b.	a. Long-Term Avg	Value	b. No. of
And CAO NO.	Testing	Believed	Believed	Maximum Daily	Value	Value (if avail		Value (if avail	able)	No. of	Concentration	Mass	Long-Term Avg	v aiuc	Analyses
(if available)	Required	Present	Absent	(1)	(2)	(1)	(2)	(1)	(2)	Analyses			(1)	(2)	,
				Concentration	Mass	Concentration	Mass	Concentration	Mass					Mass	
GC/MS FRACTI	ON – PESTI	CIDES													
15P. Endrin	* *					· ·									
Aldehyde (7421-93-4)			х												
(7421-93-4)			Λ												
16P Heptachlor															ľ
(76-44-8)			X												
17P. Heptaclor						·									
Epoxide			x		·										
(1024-57-3)			X												
18P. PCB-1242															
(53469-21-9)			X												
19P. PCB-1254			77												
(11097-69-1)			X												
20P. PCB-1221						·									
(11104-28-2)			X												
21P. PCB-1232			7.												
(11141-16-5)			Х												
22P. PCB-1248															ŀ
(12672-29-6)			Х												
220 000 125															
23P. PCB-1260 (11096-82-5)			x			*								-	
(11070-02-3)			^												
24P. PCB-1016													1		
(12674-11-2)			X												
26D T															
25P. Toxaphene (8001-35-2)			х											.	
										·					

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PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. (See instructions)

V. INTAKE AND	EFFLUENT C	HARACTERIST	FICS (Continued	from page 3 of F	orm (°)		-			OUTFALL NO.	7	
					ble. Complete one ta	able for each outfa	all See instruction	s for additional deta	iile	TOUTFALL NO.		
				2. EFFLUENT			an ooo maa actor	3. UN (specify if	ITS		INTAKE	
1. POLLUTANT		n Daily Value	(if av	30-Day Value ailable)	c. Long-Term (if avail		d. No. of	a. Concentration	b. Mass	a. Long-Term		b.
	(1) Concentratio	n (2) n Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	No of Analyses
a. Biochemical Oxygen Demand (BOD)												
b. Chemical Oxygen Demand (COD)												
c. Total Organic Carbon (TOC)												
d. Total Suspended Solids (TSS)		1 8.34	N/A	N/A	N/A		3	PPM	LBS/MG	·		
e. Ammonia (as N)												
f. Flow (in units of MGD)	VALUE	0.002	VALUE	N/A	VALUE	N/A			MGD	VALUE		
g. Temperature (winter)	VALUE	34 ° F	VALUE	N/A	VALUE				°c	VALUE		
h. Temperature (summer)	VALUE	73 ° F	VALUE	N/A	VALUE				°c	VALUE		
i. pH	MINIMUM 7.5	MAXIMUM 8.0	MINIMUM	MAXIMUM				STAN	DARD UNITS			
			L		L	h		l		<u> </u>		

Part B - In the MARK "X" column, place an "X" in the Believed Present column for each pollutant you know or have reason to believe is present. Place an "X" in the Believed Absent column for each pollutant you believe to be absent. If you mark the Believed Present column for any pollutant, you must provide the results of at least one analysis for that pollutant. Complete one table for each outfall. See the instructions for additional details and requirements.

requirements.														
1. POLLUTANT		2. K "X"			EF.	3. FLUENT				4. UNITS		INTAK	6. Œ (option	al)
AND CAS NO.	a.	ъ.	a. Maximum Da	ily Value	b. Maximum 3 Value (if avai	0-Day lable)	c. Long-Tern Value (if ava	1 Avg. ilable)	d. No. of	a.	b.	a. Long-Term Value		b. No. of
(if available)	Believed Present	Believed Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses	Concentration	Mass	(1) Concentration	(2) Mass	Analyses
a. Bromide (24959-67-9)		Х												
b. Bromine Total Residual		х												
c. Chloride		х												
d. Chlorine, Total Residual		х												
e. Color		х												
f. Fecal Coliform		х												
g. Fluoride (16984-48-8)		Х												
h. Hardness (as CaCO ₃)	х		504	4208						PPM	#/MG			
 Nitrate – Nitrite (as N) 		х												
j. Nitrogen, Total Organic														
(as N) k. Oil and		X												
Grease I. Phosphorous		X												
(as P), Total 7723-14-0		X										-		
m. Radioactivity									L.,					
(1) Alpha, Total		х										-		
(2) Beta, Total		Х												
(3) Radium Total		х								·				
(4) Radium, 226, Total		х												

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							4,000,000,000							
Part B - Continu	ed													
1. POLLUTANT	MAR	2. K "X"			EF	3. FLUENT				4. UNITS		INTAR	5. Œ (option	aD.
And CAS NO.			a.		b. Maximum 3	0-Day	c. Long-Tern		d.			a.		b.
(if available)	a. Believed	b. Believed	Maximum Dail (1)	y value (2)	Value (if avai	(2)	Value (if ava	(2)	No. of Analyses	a. Concentration	b. Mass	Long-Term Avg (1)	(2)	No. of Analyses
(ii available)	Present	Absent	Concentration	Mass	Concentration	Mass	Concentration	Mass	Analyses	Concentration	171433	Concentration	Mass	rinaiyaca
n. Sulfate (as SO ₄) (14808-79-8)	х		720	6012						PPM	#/MG			
o. Sulfide (as S)		X												
p. Sulfite (as SO ₄) (14286-46-3)		х												
q. Surfactants		х												
r. Aluminum, Total (7429-90)		х												
s. Barium, Total (7440-39-3)		х												
t. Boron, Total (7440-42-8)		х												
u. Cobalt, Total (7440-48-4)		х												
v. Iron, Total (7439-89-6)	. х		0.21	1.76						PPM	#/MG			
w. Magnesium Total (7439-96-4)		х					·							
x. Molybdenum Total (7439-98-7)		x												
y. Manganese, Total (7439-96-6)	x		0.17	1.39						PPM	#/MG			
z. Tin, Total (7440-31-5)		Х												
aa. Titanium, Total (7440-32-6)	·	Х												

Part C – If you are a primary industry and this outfall contains process wastewater, refer to Table C-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in the Testing Required column for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark this column (secondary industries, nonprocess wastewater outfalls, and non-required GC/MS fractions), mark "X" in the Believed Present column for each pollutant you know or have reason to believe is present. Mark "X: in the Believed Absent column for each pollutant you believe to be absent. If you mark either the Testing Required or Believed Present columns for any pollutant, you must provide the result of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Complete one table (all seven pages) for each outfall. See instructions for additional details and requirements.

5. INTAKE (optional) 3. EFFLUENT 4. UNITS 2. MARK "X" 1.
POLLUTANT
And CAS NO. b. Maximum 30-Day Long-Term Avg Value No. of c. Long-Term Avg. d. b. a. Testing Believed Believed Maximum Daily Value Value (if available) Value (if available) No. of Concentration Mass Analyses (1) Concentration (1) Concentration (1) (2) (if available) Required Present Absent (2) Mass Analyses Concentration Concentration Mass Mass Mass METALS, CYANIDE AND TOTAL PHENOLS 1M. Antimony Total (7440-36-0) 2M. Arsenic, Total (7440-38-2) Х 3M. Beryllium Total (7440-41-7) 4M. Cadmium Total (7440-43-9) 5M. Chromium Total (7440-43-9) Х 6M. Copper Total (7550-50-8) Х 7M. Lead Total (7439-92-1) Х 8M. Mercury Total (7439-97-6) 9M. Nickel, Total (7440-02-0) 10M. Selenium, Total (7782-49-2) Х 11M. Silver, Total

						_	
Pas	rt ·	C٠	- C	on	tin	u	e

(7440-28-0)

Χ

1.	1	2. MARK "X"				EFF	3. LUENT				4. UNITS			5. E (optiona	ıl)
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	Value_	b. Maximum 3 Value (if avai		c. Long-Term Value (if avail	Avg. able)	d. No. of	a. Concentration	b. Mass	a. Long-Term Av	g Value	b. No. of
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	Analyses
METALS, CYAN	VIDE AND T	OTAL PHE	NOLS (Con	tinued)											
12M. Thallium, Total (7440-28-0)			x												
13M. Zinc,			_^			 								,	
Total (7440-66-6)			Х												
14M. Cyanide, Total															
(57-12-5) 15M. Phenols,			X												
Total			x	·											
DIOXIN										1					
2,3,7,8 Tetra-				DESCRIBE REST	JLTS:										
chlorodibenzo, P, Dioxin (1784-01-6)			x												
GC/MS FRACTI	ON - VOLA	THE COM	POUNDS												
GC/MS FICACTI	OIT TODA	TICE COM	1 001103			T	Γ	l		1		l			T
1V. Acrolein (107-02-8)			Х												
2V. Acrylonitrile (107-13-1)			X										-		
3V. Benzene (71-43-2)			X												
5V. Bromoform													-		
(75-25-2) 6V. Carbon			Х												
Tetrachloride (56-23-5)			х												
7V. Chloro-										•	1.				
benzene (108-90-7)			х												
8V. Chlorodibro-															
momethane (124-48-1)	····		x												

Part C - Continu	ied														
1.	.]	2. MARK "X"				EFF	3. LUENT				4. UNITS		INTAK	5. E (optiona	ıl)
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily		b. Maximum 3 Value (if avail	able)	c. Long-Term Value (if avail	able)	d. No. of	a. Concentration	b. Mass	a. Long-Term Av	g Value	b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	
9V. Chloroethane (74-00-3)			x												
10V. 2-Chloro- ethylvinyl Ether (110-75-8)			х												
11V. Chloroform (67-66-3)			x					,							
12V. Dichloro- bromomethane (75-71-8)			x					-							
14V. 1,1- Dichloroethane (75-34-3)			x	-											
15V. 1,2- Dichloroethane (107-06-2)			x												
16V. 1,1- Dichlorethylene (75-35-4)			х												
17V. 1,2-Di- chloropropane (78-87-5)			x												
18V. 1,3- Dichloropro- pylene (452-75-6)			х												
19V. Ethyl- benzene (100-41-4)			х							-					
20V. Methyl Bromide (74-83-9)			х											-	·

24

Part C - Continu	ied														
1.		2. MARK "X"				EFF	3. LUENT				4. UNITS		INTAK	5. E (optiona	al)
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily		b. Maximum 3 Value (if avail	able)	c. Long-Term Value (if avail	lable)	d. No. of	a. Concentration	b. Mass	a. Long-Term Av		b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	
21V. Methyl Chloride (74-87-3)			х												
22V. Methylene Chloride															
(75-00-2) 23V. 1,1,2,2- Tetrachloro-			X												
ethane (79-34-5) 24V.			Х												
Tetrachloro- ethylene (127-18-4)			х								:				
25V. Toluene (108-88-3)			х									-			-
26V. 1,2-Trans- Dichloro- ethylene (156-60-5)			х		-										
27V. 1,1,1-Tri- chloroethane (71-55-6)			х												
28V. 1,1,2-Tri- chloroethane (79-00-5)			х												
29V. Trichloro- ethylene (79-01-6)			X												
30V. Vinyl Chloride (75-01-4)	-		Х												

Part C - Continu	ed									-					-
1.		2. MARK "X"	,				3. LUENT				4. UNITS		INTAK	5. E (optiona	1)
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	Value	b. Maximum 3 Value (if avail		c. Long-Term Value (if avail		d. No. of	a. Concentration	b. Mass	a. Long-Term Av	g Value	b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	
GC/MS FRACTI	ON – ACID	COMPOUN	DS												
1A. 2-Chloro- phenol (95-57-8)			x												
2A. 2,4- Dichlor- Orophenol (120-83-2)			х												
3A. 2,4-Dimeth- ylphenol			х								:				
(105-67-9) 4A. 4,6-Dinitro- o-cresol											-				
(534-52-1) 5A. 2,4-Dinitro-			Х												
phenol (51-28-5)			х												
6A. 2-Nitro- phenol								-							
(88-75-5) 7A. 4-Nitro-			X												
phenol (100-02-7) 8A. P-chloro-m-			Х									-			
cresol (59-50-7)			х	- 1											
9A. Pentachloro- phenol (87-88-5)			х												
10A. Phenol (108-05-2)			х												
11A. 2,4,6-Tri- chlorophenol (88-06-2)			Х		-										
GC/MS FRACTIO	ON - BASE/	NEUTRAL	COMPOUN	DS											
1B. Acena- phthene (83-32-9)	-, <u> </u>		х												

Part C - Continu	ied														
1.]	2. MARK "X"				EFF	3. LUENT				4. UNITS		INTAK	5. E (options	ıl)
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	Value	b. Maximum 3 Value (if avai		c. Long-Term Value (if avai		d. No. of	a. Concentration	b. Mass	a. Long-Term Av	g Value	b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	
GC/MS FRACTI	ON - BASE/	NEUTRAL	COMPOUN					1	1					1-2400	L
2B. Acena-															
phtylene (208-96-8)			x												
3B. Anthra-															
cene (120-12-7)	-		x		ł										
4B.															
Benzidine (92-87-5)			x												
5B. Benzo(a)-															
anthracene (56-55-3)			x												
6B. Benzo(a)-															
pyrene (50-32-8)			х										,		
7B. 3,4-Benzo-															
fluoranthene (205-99-2)			X												
8B. Benzo(ghl)						-									
perylene (191-24-2)			Х												
9B. Benzo(k)-															
fluoranthene (207-08-9)			x												
10B. Bis(2-			^												
chlor-															
oethoxy)-			Х												
methane (111-91-1)															
11B. Bis (2-chlor-										-					
oisopropyl)- Ether			Х												
12B. Bis (2-ethyl-															
hexyl)-			x												
phthalate (117-81-7)			- "												
(11/-01-/)			L				L		L	لـــــا					1

Part C - Continu	ed														
1.		2. MARK "X"				EEE	3. LUENT				4. UNITS		INTAK	5. E (optiona	al)
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily		b. Maximum 3 Value (if avai	0-Day lable)	c. Long-Term Value (if avail	able)	d. No. of	a. Concentration	b. Mass	a. Long-Term Av	g Value	b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	
GC/MS FRACTI	ON - BASE/	NEUTRAL	COMPOUN	DS (Continued)											
3B. 4-Bromo-															
phenyl Phenyl ether [101-55-3]			х												
14B. Butyl- penzyl phthalate 85-68-7)			X							·					
5B. 2-Chloro- paphthalene															
7005-72-3)			X				ļ								
.6B. 4-Chloro- henyl henyl ether			x												
7005-72-3)															<u></u>
7B. Chrysene 218-01-9)			x			-									
8B. Dibenzo- a,h) Anthracene			x												
53-70-3) 9B. 1,2- Dichloro-															
95-50-1)			х												
10B. 1,3- Dichloro- Benzene 541-73-1)			X												
11B. 1,4- Dichloro- penzene 106-46-7)			x												
22B. 3,3- Dichloro- penzidene 91-94-1)	-		х												
3B. Diethyl Phthalate 84-66-2)			х												

	ed														
1.	ī	2. MARK "X"				EFF	3. LUENT				4. UNITS		INTAK	5. E (optiona	ıl)
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	Value	b. Maximum 3 Value (if avail	0-Day	c. Long-Term Value (if avail	Avg.	d. No. of	a. Concentration	b. Mass	a. Long-Term Avg	. Value	b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses	Concentration	112400	(1) Concentration	(2) Mass	i anni jese
GC/MS FRACTI	ON - BASE/	NEUTRAL	COMPOUN	DS (Continued)											
24B. Dimethyl Phthalate	·														
(131-11-3)			Х												ļ
25B. Di-N- butyl Phthalate (84-74-2)		4	x												
26B.															
2,4-Dinitro- toluene (121-14-2)			х												
27B.															
2,6-Dinitro- toluene			х								,				
(606-20-2)															
28B. Di-n-octyl Phthalate															
(117-84-0) 29B. 1,2-			Х												
diphenyl- hydrazine (as azonbenzene) (122-66-7)			X												
30B. Fluoranthene															
(208-44-0)			Х												
31B. Fluorene (86-73-7)			x												
32B. Hexachloro- benzene (118-71-1)			х												
33B. Hexachloro- butadiene (87-68-3)			х												-
34B. Hexachloro- cyclopenta- diene (77-47-4)			х								·	-			

Part C - Continu	ıed														
1.		2. MARK "X"				EFF	3. LUENT				4. UNITS		INTAK	5. E (optiona	I)
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	Volue	b. Maximum 3 Value (if avail		c. Long-Term Value (if avail		d. No. of	a. Concentration	b. Mass	a. Long-Term Avg	g Value	b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses	Concentration	MINOS	(1) Concentration	(2) Mass	Anaryses
GC/MS FRACTI	ON - BASE/	NEUTRAL	COMPOUN	DS (Continued)											
35B. Hexachlo- roethane (67-72-1)			x												
36B. Indneo- (1,2,3-oc)- Pyrene (193-39-5)			X					·							
37B. Isophorone (78-59-1)			х												
38B. Napthalene (91-20-3)			Х						-						
39B. Nitro- benzene (98-95-3)			x												
40B. N-Nitroso- dimethyl- amine (62-75-9)			х	-											
41B. N-nitrosodi-n- propylamine (621-64-7)			х									-			
42B. N-nitro- sodiphenyl- amine (86-30-6)			х	-									-		
43B. Phenan- threne (85-01-8)			х					·							
44B. Pyrene (129-00-0)		·	X												
45B. 1,2,4 Tri- chloro- benzene (120-82-1)			x												

Part C - Continu	ed														
1.		2. MARK "X"				EFF	3. LUENT				4. UNITS		INTAK	5. E (optiona	D
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	Value	b. Maximum 3 Value (if avail	0-Day	c. Long-Term Value (if avail	Avg.	d. No. of	a. Concentration	b. Mass	a. Long-Term Avg		b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses	Concentration	112400	(1) Concentration	(2) Mass	(XMILL) OCO
GC/MS FRACTI	ON – PESTI	CIDES					·								
1P. Aldrin (309-00-2)			X										-		
2P. α-BHC (319-84-6)			X												
3P. β-BHC (58-89-9)			х						-						
4P. gamma-BHC (58-89-9)			х	.5											
5P. δ-BHC (319-86-8)			х	!											
6P. Chlordane (57-74-9)			X	-		·								-	
7P. 4,4'-DDT (50-29-3)			х												
8P. 4,4'-DDE (72-55-9)			х												
9P. 4,4'-DDD (72-54-8)			х												
10P. Dieldrin (60-57-1)			x												
11P. α- Endosulfan (115-29-7)			х												
12P. β- Endosulfan (115-29-7)			х												
13P. Endosulfan Sulfate (1031-07-8)			x												
14P. Endrin (72-20-8)			Х												

Part C - Continu	ied														
1.		2. MARK "X"				FFF	3. LUENT				4. UNITS		INTAK	5. E (optiona	n
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	Value	b. Maximum 3 Value (if avail	0-Day	c. Long-Term Value (if avail	Avg.	d. No. of	a. Concentration	b. Mass	a. Long-Term Avg		b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	
GC/MS FRACTI	ON – PESTI	CIDES	·												
15P. Endrin Aldehyde (7421-93-4)			х									-			
16P Heptachlor (76-44-8)			x												
17P. Heptaclor Epoxide (1024-57-3)			x								<u> </u>				
18P. PCB-1242 (53469-21-9)			x												
19P. PCB-1254 (11097-69-1)			x												
20P. PCB-1221 (11104-28-2)		-	х	·					·						·
21P. PCB-1232 (11141-16-5)			x												
22P. PCB-1248 (12672-29-6)			X												
23P. PCB-1260 (11096-82-5)			X												
24P. PCB-1016 (12674-11-2)			x												
25P. Toxaphene (8001-35-2)			х												

PLEASE PRINT OR TYPE IN THE UNSHADED AREAS ONLY. You may report some or all of this information on separate sheets (use the same format) instead of completing these pages. (See instructions)

V. INTAKE AND	EFFLUENT CI	HARACTERIST	ΓICS (Continu	ed from page 3 of Fo	orm C)					OUTFALL NO.	242	
Part A – You must	provide the resul	ts of at least one	analysis for eve	rv pollutant in this ta	ble. Complete one ta	ble for each outf	all. See instruction	s for additional deta	ils.			
				2. EFFLUENT				3. UNI (specify if	TS		. INTAKE (optional)	
1. POLLUTANT		Daily Value	(if	ım 30-Day Value available)	c. Long-Term (if availa	able)	d. No. of	a. Concentration	b. Mass	a. Long-Term A		b.
	(1) Concentration	(2) Mass	(1) Concentrati	on (2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	No of Analyses
a. Biochemical Oxygen Demand (BOD)								·				
b. Chemical Oxygen Demand (COD)			-	-								
c. Total Organic Carbon (TOC)											· ·	
d. Total Suspended Solids (TSS)		1 8.34	N	/A N/A	N/A	N/A	3	PPM	LBS/MG			
e. Ammonia (as N)												
f. Flow (in units of MGD)	VALUE	0.03	VALUE	N/A	VALUE	N/A			MGD	VALUE		
g. Temperature (winter)	VALUE	34 ° F	VALUE		VALUE				°c	VALUE		
h. Temperature (summer)	VALUE	73 ° F	VALUE		VALUE				°c	VALUE		
i. pH	MINIMUM 8.3	MAXIMUM 8.3	MINIMUM	MAXIMUM				STAN	DARD UNITS			

Part B - In the MARK "X" column, place an "X" in the <u>Believed Present</u> column for each pollutant you know or have reason to believe is present. Place an "X" in the <u>Believed Absent</u> column for each pollutant you believe to be absent. If you mark the <u>Believed Present</u> column for any pollutant, you must provide the results of at least one analysis for that pollutant. Complete one table for each outfall. See the instructions for additional details and requirements.

requirements.	,													
1.		2.				3.				4.			6.	
POLLUTANT		K "X"				FLUENT			, , , , , , , , , , , , , , , , , , , ,	UNITS			E (option	
AND CAS NO.	a.	b.	a. Maximum Da	-	b. Maximum 3 Value (if avai	lable)	c. Long-Tern Value (if ava	lable)	d. No. of	a.	b.	a. Long-Term Value		b. No. of
(if available)	Believed Present	Believed Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses	Concentration	Mass	(1) Concentration	(2) Mass	Analyses
a. Bromide														
(24959-67-9)		X							· ·					
b. Bromine Total														
Residual		х												
c. Chloride		X												
d. Chlorine,														
Total Residual		Х								-				
residual	<u> </u>													
e. Color		X												
f. Fecal Coliform		х												
g. Fluoride														
(16984-48-8)		Х												
h. Hardness										200.4	""			
(as CaCO ₃) i. Nitrate –	X		200	1670					-	PPM	#/MG			
Nitrite (as N)		х												
j. Nitrogen,														
Total Organic									1					
(as N)		х												
k. Oil and														
Grease		X												
Phosphorous (as P), Total														
7723-14-0		х												
m. Radioactivity														
(1) Alpha,														
Total		X												
(2) Beta, Total		х									-			
(3) Radium Total		х												
(4) Radium,														
226, Total	L	X		L		L	l		L	L			L	L

Part B - Continu	ed												<u>.</u>	
1. POLLUTANT		2. K "X"			EF	3. FLUENT				4. UNITS		INTAF	5. Œ (option	al)
And CAS NO.	a.	b.	a. Maximum Dail	y Value	b. Maximum 3 Value (if avai		c. Long-Terr Value (if ava		d. No. of	a.	b.	a. Long-Term Avg	. Value	b. No. of
(if available)	Believed Present	Believed Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses	Concentration	Mass	(1) Concentration	(2) Mass	Analyses
n. Sulfate (as SO ₄) (14808-79-8)	х		224	1870						PPM	#/MG	-1		
o. Sulfide (as S)		х												
p. Sulfite (as SO ₄) (14286-46-3)		х												
q. Surfactants		х										ï		
r. Aluminum, Total (7429-90)		х												
s. Barium, Total (7440-39-3)		Х												
t. Boron, Total (7440-42-8)		- X												
u. Cobalt, Total (7440-48-4)		Х											·	
v. Iron, Total (7439-89-6)	х		0.46	3.84					·	PPM	#/MG			
w Magnesium Total (7439-96-4)		X	·								-			
x. Molybdenum Total (7439-98-7)		х												
y. Manganese, Total (7439-96-6)	х		0.34	2.50						PPM	#/MG			
z. Tin, Total (7440-31-5)		х												
aa. Titanium, Total (7440-32-6)		х												

Part C – If you are a primary industry and this outfall contains process wastewater, refer to Table C-2 in the instructions to determine which of the GC/MS fractions you must test for. Mark "X" in the Testing Required column for all such GC/MS fractions that apply to your industry and for ALL toxic metals, cyanides, and total phenols. If you are not required to mark this column (secondary industries, nonprocess wastewater outfalls, and non-required GC/MS fractions), mark "X" in the Believed Present column for each pollutant you know or have reason to believe is present. Mark "X: in the Believed Absent column for each pollutant you believe to be absent. If you mark either the Testing Required or Believed Present columns for any pollutant, you must provide the result of at least one analysis for that pollutant. Note that there are seven pages to this part; please review each carefully. Complete one table (all seven pages) for each outfall. See instructions for additional details and requirements.

1.		2. MARK "X"				3. LUENT				4. UNITS		INTAK	5. E (optiona		
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	Value	b. Maximum 3 Value (if avail		c. Long-Term Value (if avail		d. No. of	a. Concentration	b. Mass	a. Long-Term Av	g Value	b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	
METALS, CYAN	VIDE AND T	OTAL PHE	NOLS												
1M. Antimony Total (7440-36-0)			x								,				
2M. Arsenic, Total (7440-38-2)			x												
3M. Beryllium Total (7440-41-7)			x												
4M. Cadmium Total (7440-43-9)			x												
5M. Chromium Total (7440-43-9)			X												
6M. Copper Total (7550-50-8)			x			-									
7M. Lead Total (7439-92-1)			x												
8M. Mercury Total (7439-97-6)			x												
9M. Nickel, Total (7440-02-0)			X	***											
10M. Selenium, Total (7782-49-2)			x												
11M. Silver, Total (7440-28-0)			х										·		

rt C - Continu	ied														
1.	I	2. MARK "X"				EFF	3. LUENT				4. UNITS		INTAK	5. E (optiona	a)
ollutant nd CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	y Value	b. Maximum 3 Value (if avai		c. Long-Term Value (if avail	Avg. lable)	d. No. of	a. Concentration	b. Mass	a. Long-Term Av	g Value	b. No. of
if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	Analyses
ETALS, CYAN	NIDE AND T	OTAL PHE	NOLS (Con	tinued)						·					
M. Thallium, Total (7440-28-0)			x		and the second										
M. Zinc, Total (7440-66-6)			x							11.					
M. Cyanide, Total (57-12-5)			x												
M. Phenols, Total			х												
OXIN	L	L			L		L								
7,8 Tetra- lorodibenzo, Dioxin (1784-01-6)			х	DESCRIBE REST	ULTS:										
C/MS FRACTI	ON – VOLA	TILE COM	POUNDS							,					
. Acrolein (107-02-8)			х												
rylonitrile 07-13-1)		-	Х												
. Benzene 1-43-2)			х												
. Bromoform 5-25-2)			x												
. Carbon trachloride 5-23-5)			х												
. Chloro- benzene 8-90-7)			х												
lorodibro- methane (4-48-1)			X	_							·				

Part C - Continued															
Part C - Continu	ed						2				4.			5.	
		2. MARK "X"				TO TO TO	3. LUENT				UNITS			E (optiona	n l
1.	1	VIARK "A"	· · · · · · · · · · · · · · · · · · ·			C.F.F.	LUEIVI				ONTE		a.	o (optioni	b.
POLLUTANT		}				b. Maximum 30	n n	c. Long-Term	A	đ.	a.	b.	Long-Term Av	. Value	No. of
And CAS NO.	a.	a.	b.	a.	X7.1			Value (if avail		No. of	Concentration	Mass	Long-reim Ave	, raiuc	Analyses
	Testing	Believed	Believed	Maximum Daily		Value (if avail					Concentration	Iviass	(1)	(2)	Aunijscs
(if available)	Required	Present	Absent	(1)	(2)	(1)	(2)	(1)	(2)	Analyses			Concentration	Mass	1
				Concentration	Mass	Concentration	Mass	Concentration	Mass				Concentiation	172.00	
9V.										* .					[[
Chloroethane															1
(74-00-3)			Х												
10V. 2-Chloro-															1
ethylvinyl Ether			-												1
(110-75-8)			X												
11V.															
Chloroform															1 1
(67-66-3)			х												
12V. Dichloro-															1
bromomethane												} .			
(75-71-8)			x												
14V. 1,1-															
Dichloroethane		i													
(75-34-3)			x												
15V. 1,2-															
Dichloroethane		1													1.
(107-06-2)			X												
16V. 1,1-															
Dichlorethylene											'				
(75-35-4)			x							-					
17V. 1,2-Di-	-														
chloropropane									-						
(78-87-5)			X									L			
18V. 1,3-															1
Dichloropro-			1												
pylene			X												1
(452-75-6)															
19V. Ethyl-															
benzene										4 1					
(100-41-4)			x						1						
20V. Methyl															
Bromide		1													
(74-83-9)			х						1						
L. 195 //	L														

Part C - Continued 3. 4. 5.															
1.		2. MARK "X"				EFF	3. LUENT				4. UNITS		INTAK	ు. E (optiona	
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	Value	b. Maximum 3 Value (if avai	0-Day	c. Long-Term Value (if avail		d. No. of	a. Concentration	b. Mass	a. Long-Term Avg	. Value	b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	
21V. Methyl Chloride (74-87-3)			x												
22V. Methylene Chloride (75-00-2)			x												
23V. 1,1,2,2- Tetrachloro- ethane (79-34-5)			х												
24V. Tetrachloro- ethylene (127-18-4)		-	х .												
25V. Toluene (108-88-3)			X												
26V. 1,2-Trans- Dichloro- ethylene (156-60-5)			x												
27V. 1,1,1-Tri- chloroethane (71-55-6)			х												
28V. 1,1,2-Tri- chloroethane (79-00-5)			x												
29V. Trichloro- ethylene (79-01-6)			х												
30V. Vinyl Chloride (75-01-4)			x												

Part C - Continu	ed														
Tare C - Continu		2.					3.		····		4.			5.	_
1.	N	AARK "X"		i		EFF	LUENT			·	UNITS			E (optiona	
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	Value	b. Maximum 3 Value (if avail		c. Long-Term Value (if avail	Avg. able)	d. No. of	a. Concentration	b. Mass	a. Long-Term Avg	g Value	b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	
GC/MS FRACTI	ON – ACID (COMPOUN	DS												
1A. 2-Chloro- phenol (95-57-8)			X				-					- 1			
2A. 2,4- Dichlor- Orophenol (120-83-2)			х												
3A. 2,4-Dimeth- ylphenol (105-67-9)			х												
4A. 4,6-Dinitro- o-cresol (534-52-1)			х						-						
5A. 2,4-Dinitro- phenol (51-28-5)			х												
6A. 2-Nitro- phenol (88-75-5)			х												
7A. 4-Nitro- phenol (100-02-7)			х												
8A. P-chloro-m- cresol (59-50-7)			х												
9A. Pentachloro- phenol (87-88-5)			X												
10A. Phenol (108-05-2)			X								-				
11A. 2,4,6-Tri- chlorophenol (88-06-2)			X	IDC											
GC/MS FRACTI	UN – BASE/	NEUTRAL	COMPOUN	MD2		T	Т	T		Τ		1		T	T
1B. Acena- phthene (83-32-9)			x								-				

	. 1														
Part C - Continu	ed	2.					3.				4.			5.	
1.		VARK "X"				EFF	LUENT				UNITS		INTAK	E (optiona	
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily		b. Maximum 3 Value (if avai	0-Day lable)	c. Long-Term Valuc (if avail	able)	d. No. of	a. Concentration	b. Mass	a. Long-Term Av	y Value	b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	Mass	
GC/MS FRACTI	ON - BASE/	NEUTRAL	COMPOUN	DS (Continued)			,								·
2B. Acena- phtylene (208-96-8)			x												
3B. Anthra- cene (120-12-7)			X												
4B. Benzidine (92-87-5)			х	-											
5B. Benzo(a)- anthracene (56-55-3)			x												-
6B. Benzo(a)- pyrene (50-32-8)			X												
7B. 3,4-Benzo- fluoranthene (205-99-2)	·		X												
8B. Benzo(ghl) perylene (191-24-2)			x												
9B. Benzo(k)- fluoranthene (207-08-9)			X							-					
10B. Bis(2- chlor- oethoxy)- methane (111-91-1)			х					-							
11B. Bis (2-chlor- oisopropyl)- Ether		:	x												
12B. Bis (2-ethyl- hexyl)- phthalate (117-81-7)			X												

Part C Continu	2. 3. 4. 5.														
1.		2. MARK "X"				EFF					4. UNITS		INTAK	-5. E (options	ıl)
POLLUTANT And CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	Value	b. Maximum 3 Value (if avail	0-Day	c. Long-Term Value (if avail		d. No. of	a. Concentration	b. Mass	a. Long-Term Av		b. No. of Analyses
(if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	
GC/MS FRACTI	ON - BASE/	NEUTRAL	COMPOUN	DS (Continued)			r			1					
13B. 4-Bromo- phenyl Phenyl ether (101-55-3)		-	х												
14B. Butyl- benzyl phthalate (85-68-7)			x												
15B. 2-Chloro- naphthalene (7005-72-3)			х												
16B. 4-Chloro- phenyl phenyl ether (7005-72-3)			x						,				·		
17B. Chrysene (218-01-9)			x												
18B. Dibenzo- (a,h) Anthracene (53-70-3)			х												
19B. 1,2- Dichloro- benzene (95-50-1)			х	-											
20B. 1,3- Dichloro- Benzene (541-73-1)		:	х						-						
21B. 1,4- Dichloro- benzene (106-46-7)			х												
22B. 3,3- Dichloro- benzidene (91-94-1)			x						-						
23B. Diethyl Phthalate (84-66-2)			х												

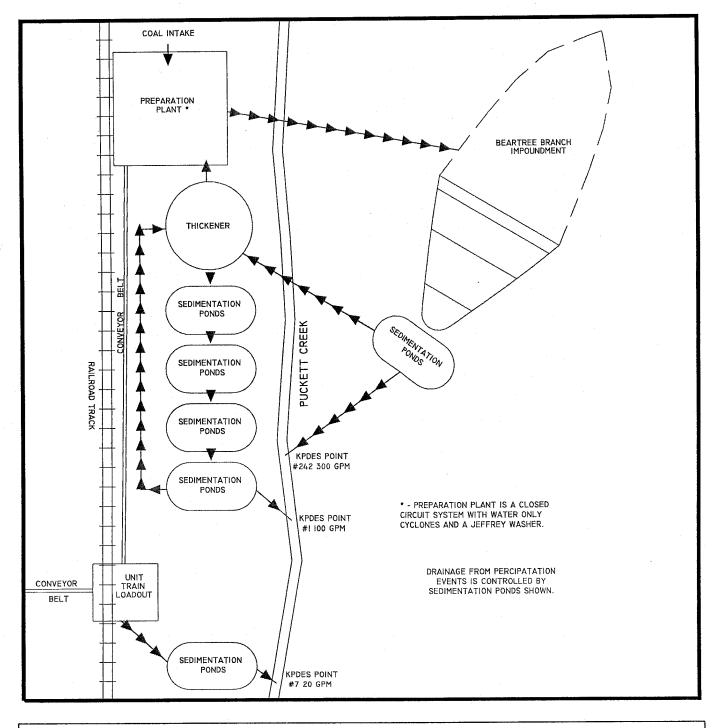
Part C - Continu	ed														
ture comm		2.					3.				4.	1		5.	~
1.		MARK "X"				EFF	LUENT			,	UNITS			E (optiona	
POLLUTANT										_			а.		b.
And CAS NO.	a.	a.	b.	a.		b. Maximum 3	0-Day	c. Long-Term	Avg.	d.	a.	b.	Long-Term Av	g. Value	No. of
(if available)	Testing Required	Believed Present	Believed Absent	Maximum Daily		Value (if avail		Value (if avail		No. of Analyses	Concentration	Mass	(1)	(2)	Analyses
(II avallable)	Requireu	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Allalyses			Concentration	Mass	
GC/MS FRACTI	ON PASE	NEUTDAI	COMPOUN		Iviass	Concentration	IVIASS	Concentration	Mass	L		l	Concentiation	171433	l
24B. Dimethyl	OIY - DAGE	IVEUINAL	COMI OU	D3 (Continued)						T				T	
Phthalate				1											
(131-11-3)			x							1					
25B. Di-N-			7.												
butyl Phthalate															
(84-74-2)			x												
26B.				!											
2,4-Dinitro-						*				1	·				
toluene			X												
(121-14-2)															ļi
27B.										1					
2,6-Dinitro- toluene			x							1					1
(606-20-2)	-		^												
28B. Di-n-octyl				+										-	
Phthalate															1
(117-84-0)			x												
29B. 1,2-															
diphenyl-															
hydrazine (as			x												
azonbenzene) (122-66-7)											*				
30B.				 											
Fluoranthene															
(208-44-0)			x												
										T					
31B. Fluorene															
(86-73-7)			X												
32B. Hexachloro-										.					
benzene			x												
(118-71-1)			^											1	.
33B.				· · · · · · · · · · · · · · · · · · ·							·			 	
Hexachloro-										1				_	
butadiene			x	1											1
(87-68-3)				1											
34B.											-				
Hexachloro-															
cyclopenta-			X												
diene (77-47-4)				i ,											
(11-41-4)		l												J	

Part C - Continu	ed .			1											
		2.					3.				4.			5.	
1. POLLUTANT		MARK "X"		-		EFF	LUENT				UNITS			E (optiona	
And CAS NO.		a.	b.	a.		b. Maximum 3	A Day	c. Long-Term	Aver	d.	a.	b.	a. Long-Term Av	Value	b. No. of
Alla CAS NO.	a. Testing	Believed	Believed	Maximum Daily	Value	Value (if avai		Value (if avail	able)	No. of	Concentration	Mass	Long-reim Av	5 value	Analyses
(if available)	Required	Present	Absent	(1)	(2)	(1)	(2)	(1)	(2)	Analyses	Concontinuon		(1)	(2)	
				Concentration	Mass	Concentration	Mass	Concentration	Mass				Concentration	Mass	
GC/MS FRACTI	ON - BASE/	NEUTRAL	COMPOUN	DS (Continued)											
35B. Hexachlo-	- 1														
roethane (67-72-1)			x].
36B. Indneo-			Α												
(1.2.3-00)-															
Pyrene			х	1					-						1 l
(1,2,3-oc)- Pyrene (193-39-5)															
37B.															
Isophorone															·
(78-59-1)			X												
38B.															
Napthalene			х												
(91-20-3) 39B.			Λ												
Nitro-						-									
benzene			х									-			
(98-95-3)															
40B. N-Nitroso-															
dimethyl-															
amine			X												
(62-75-9) 41B.				<u> </u>										·	·
N-nitrosodi-n-							İ			-					
propylamine			х	1											
(621-64-7)															
42B. N-nitro-				1									-		
sodiphenyl-															
amine (86-30-6)			X												
43B. Phenan-				1								ļ			
threne															
(85-01-8)			х												
44B. Pyrene													·		
(129-00-0)			X	1											
45B. 1,2,4 Tri-															
chloro-			7,												
benzene (120-82-1)			Х												ŀ
(120-82-1)						L				L		L			

1.	į į	MARK "X"				EFF	LUENT				UNITS			E (optiona	
OLLUTANT nd CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Daily	/ Value	b. Maximum 3 Value (if avai	0-Day able)	c. Long-Term Value (if avail	Avg. able)	d. No. of	a. Concentration	b. Mass	a. Long-Term Avg	. Value	b. No. of Analyses
if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	
C/MS FRACTI	ION – PESTI	CIDES											r		
. Aldrin 09-00-2)			х												
. α-BHC 19-84-6)			x												
. β-BHC 3-89-9)			х												
mma-BHC 8-89-9)			х												
. δ-BHC 19-86-8)			х												
. Chlordane 7-74-9)	-		x					-							
. 4,4'-DDT)-29-3)	-		x												
. 4,4'-DDE 2-55-9)			x			-				-					
. 4,4'-DDD 2-54-8)			x												
P. Dieldrin 0-57-1)			x												
P. α- dosulfan 15-29-7)			x												
P. β- dosulfan 15-29-7)			х												
P. Endosulfan Ifate 031-07-8)			x												
P. Endrin 2-20-8)			х												

rt C - Continued

rt C – Continu	ieg										1 7			5.	
1.	i	2. MARK "X"				EFI	3. FLUENT				4. UNITS		INTAK	5. E (optiona	
OLLUTANT nd CAS NO.	a. Testing	a. Believed	b. Believed	a. Maximum Dail	y Value	b. Maximum 3 Value (if avai		c. Long-Term Value (if avai	Avg. lable)	d. No. of	a. Concentration	b. Mass	a. Long-Term Av	g Value	b. No. of Analyses
if available)	Required	Present	Absent	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	(1) Concentration	(2) Mass	Analyses			(1) Concentration	(2) Mass	
C/MS FRACTI	ION – PESTI	CIDES													
P. Endrin dehyde 121-93-4)			x												
P Heptachlor 5-44-8)			x												
P. Heptaclor oxide)24-57-3)			X				-								
P. PCB-1242 3469-21-9)			х										·		
P. PCB-1254 1097-69-1)			x												
P. PCB-1221 1104-28-2)			x												
P. PCB-1232 141-16-5)			х												
P. PCB-1248 2672-29-6)			X												
P. PCB-1260 096-82-5)			х												
P. PCB-1016 1674-11-2)			х												
P. Toxaphene (01-35-2)			X												



COMPANY:	MANALAPAN MINING COMPANY,	INC.		ADDRESS:	P.O. BOX 311,	BROOKSIDE, KY	40801	
COUNTY:	HARLAN	NEAREST STREAM:	PUCKETT CREEK		QUADRANGLE:	EWING		
NPDES NO:	KY0024252	DSMRE NO:	848-8045		OTHER:	N/A		
KPDES POINTS:	#1	#7	· .	242			·.	
NEW		REISSUANCE OF P	ERMIT XXX			CONSTRUCTION		
hereby certify, in c	GERTIFICATION Cocordonce Win 405 KAR Correct os des oil information Require 405. GAMBR 13, 27	7:040, Section 10, th	nat		SO CC	IANALAPAN MINING MPANY, INI 18 311. BROOKSIDE, KY	C.	
FILE NAME:	KPDES.DECO	DATE	12/27/07			DRAWN	BY: D. WILS	SON
	Solo Con	2016						

